Raízen Energia S.A.

Interim financial information
September 30, 2019
(A free translation of the original report in Portuguese, as filed with the Brazilian Securities Commission (CVM), containing individual and consolidated interim financial information prepared in accordance with CPC 21 (R1) – Interim Financial Reporting and IAS 34 – Interim Financial Reporting, issued by International Accounting Standards Board (IASB))

KPDS 575088

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Report on review of interim financial information

(A free translation of the original report in Portuguese, as filed with the Brazilian Securities Commission (CVM), containing individual and consolidated interim financial information prepared in accordance with CPC 21 (R1) – Interim Financial Reporting and IAS 34 – Interim Financial Reporting, issued by International Accounting Standards Board (IASB))

To the Board of Directors, Shareholders and Management of
Raízen Energia S.A.
São Paulo - SP

Introduction

We have reviewed the accompanying individual and consolidated interim financial information of Raízen Energia S.A. (the "Company") contained in the Quarterly Information Form (ITR) for the quarter ended September 30, 2019, which comprises the statement of financial position as of September 30, 2019 and the respective statements of income (loss) and comprehensive income (loss) for the three and six-month periods then ended and changes in equity and cash flows for the six-month period then ended, including the explanatory notes.

The Company's management is responsible for the preparation of this individual and consolidated interim financial information in accordance with Technical Pronouncement CPC 21 (R1) – Interim Financial Reporting and IAS 34 – Interim Financial Reporting, issued by the International Accounting Standards Board (IASB), as well as for the presentation of this information in accordance with standards issued by the Brazilian Securities Commission, applicable to the preparation of Quarterly Information - ITR. Our responsibility is to express a conclusion on this interim financial information based on our review.

Scope of review

We conducted our review in accordance with the Brazilian and International standards on review engagements of interim financial information (NBC TR 2410 - Review of Interim Financial Information Performed by the Independent Auditor of the Entity and ISRE 2410 - Review of Interim Financial Information Performed by the Independent Auditor of the Entity, respectively). A review of interim financial information consists of making inquiries, primarily of persons responsible for the financial and accounting matters and applying analytical and other review procedures. A review is substantially less in scope than an audit conducted in accordance with the auditing standards and consequently does not enable us to obtain assurance that we would become aware of all significant matters that might be identified in an audit. Accordingly, we do not express an audit opinion.

KPMG Auditores Independentes, uma sociedade simples brasileira e firma-membro da rede KPMG de firmas-membro independentes e afiliadas à KPMG International Cooperative ("KPMG International"), uma entidade suíça.

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Conclusion on the individual and consolidated interim financial information
Based on our review, nothing has come to our attention that causes us to believe that the accompanying individual and consolidated interim financial information included in the Quarterly Information referred to above has not been prepared, in all material respects, in accordance with CPC 21 (R1) and IAS 34, applicable to the preparation of Quarterly Information (ITR), and presented in accordance with the standards issued by the Brazilian Securities Commission.

Other matters - Statements of Value Added
The interim financial information as referred to above includes individual and consolidated statements of value added (DVA) for the six-month period ended September 30, 2019, prepared under the responsibility of the Company's management, presented as supplementary information for the purposes of IAS 34. The financial information were submitted to the review procedures followed together with the review of the Quarterly Information, in order to form our conclusion whether these statements are reconciled to the interim financial information and to the accounting records, as applicable, and whether their form and content are in accordance with the criteria set on Technical Pronouncement CPC 09 - Statement of Value Added. Based on our review, nothing has come to our attention that causes us to believe that Statement of Value Added has not been prepared, in all material respects, in accordance with requirements described at the Technical Pronouncement and consistent with the individual and consolidated interim financial information taken as a whole.

São Paulo, November 11, 2019

KPMG Auditores Independentes
CRC SP014428/O-6
Original report in Portuguese signed by
Ulysses M. Duarte Magalhães
Accountant CRC RJ-092095/O-8

	Note	Parent company		Consolidated	
		09/30/2019	03/31/2019	09/30/2019	03/31/2019
Assets					
Current assets					
Cash and cash equivalents	3	600,855	537,241	2,981,098	3,189,859
Restricted cash	4	72,153	84,687	157,393	134,966
Derivative financial instruments	27	544,426	239,512	1,301,403	788,279
Trade accounts receivable	5	252,543	232,031	1,284,181	974,024
Inventories	6	2,467,098	477,554	4,137,807	789,371
Biological assets	7	589,764	654,348	725,238	813,995
Recoverable income tax and social contribution taxes	18.a.1	324,754	386,692	351,949	418,302
Recoverable taxes	8	265,764	133,467	477,404	221,494
Other financial assets	9	134,399	265,860	157,168	306,457
Related parties	10	1,916,430	1,247,672	4,125,903	2,413,896
Dividends receivable		4,386	61,802	1,063	-
Other receivables		215,168	258,357	258,453	318,492
Total current assets		7,387,740	4,579,223	15,959,060	10,369,135
Non-current assets					
Derivative financial instruments	27	685,890	514,076	862,599	562,684
Other financial assets	9	329,484	324,827	532,619	526,969
Recoverable income tax and social contribution taxes	18.a.1	388,813	388,813	414,230	414,230
Recoverable taxes	8	226,501	52,052	301,759	77,369
Related parties	10	342,265	359,409	2,669,747	3,416,858
Deferred income tax and social contribution	18.b	667,276	437,132	631,125	390,400
Judicial deposits	19	262,174	241,435	403,321	381,020
Other receivables		243,826	203,517	273,309	232,020
Investments	11	5,939,799	5,606,301	587,103	572,918
Right of use	12	3,696,628	-	4,153,996	-
Property, plant and equipment	13	5,748,587	6,094,306	9,349,132	9,846,271
Intangible assets	14	1,464,114	1,472,164	1,829,059	1,841,711
Total non-current assets		19,995,357	15,694,032	22,007,999	18,262,450
Total assets		27,383,097	20,273,255	37,967,059	28,631,585

Statements of financial position as of September 30 and March 31, 2019

(In thousands of reais – R$) **(Continued)**

	Note	Parent company		Consolidated	
		09/30/2019	03/31/2019	09/30/2019	03/31/2019
Liabilities					
Current liabilities					
Suppliers	15	1,089,108	751,447	5,007,701	4,189,363
Loans and financing	16	1,639,720	1,384,892	2,789,314	1,506,095
Lease liability	17	650,885	-	731,074	-
Derivative financial instruments	27	148,376	227,548	850,944	766,549
Payroll and related charges payable		353,170	342,072	414,310	399,418
Income tax and social contribution payable	18.a.2	-	-	53,537	22,655
Taxes payable		80,330	48,909	205,162	157,343
Dividends payable		-	7,164	-	10,011
Related parties	10	3,912,497	1,263,016	2,884,825	656,335
Advances from clients	5	61,951	22,715	1,180,093	71,640
Other liabilities		99,534	89,074	127,309	126,561
Total current liabilities		8,035,571	4,136,837	14,244,269	7,905,970
Non-current liabilities					
Loans and financing	16	5,752,202	4,994,057	10,603,549	10,570,881
Lease liability	17	2,342,385	-	2,722,252	-
Derivative financial instruments	27	597,664	366,026	625,299	379,050
Taxes payable		171,274	168,344	180,668	177,611
Related parties	10	2,538,059	1,812,752	1,117,779	398,863
Provision for legal disputes	19	377,257	337,665	496,485	436,786
Deferred income tax and social contribution	18.b	-	-	336,272	267,504
Other liabilities		138,365	154,811	140,053	156,894
Total non-current liabilities		11,917,206	7,833,655	16,222,357	12,387,589
Total liabilities		19,952,777	11,970,492	30,466,626	20,293,559
Equity	21				
Capital		6,511,193	6,511,193	6,511,193	6,511,193
Capital reserves		1,089,121	1,089,121	1,089,121	1,089,121
Equity valuation adjustments		(334,962)	(228,801)	(334,962)	(228,801)
Income reserves		226,620	931,250	226,620	931,250
Accumulated losses		(61,652)	-	(61,652)	-
		7,430,320	8,302,763	7,430,320	8,302,763
Non-controlling shareholders		-	-	70,113	35,263
Total equity		7,430,320	8,302,763	7,500,433	8,338,026
Total liabilities and equity		27,383,097	20,273,255	37,967,059	28,631,585

The accompanying notes from management are an integral part of this interim financial information

RAÍZEN ENERGIA S.A.

Statements of income (loss)
Three and six-month periods ended September 30
(In thousands of reais – R$)

	Note	Parent company			
		Jul-Sep/2019	Apr-Sep/2019	Jul-Sep/2018	Apr-Sep/2018
Net operating revenue	22	1,581,871	2,982,654	1,757,529	3,039,584
Costs of products sold and services provided	24	(1,374,072)	(2,542,074)	(1,638,199)	(2,804,571)
Gross income		207,799	440,580	119,330	235,013
Operating revenue (expenses)					
Selling	24	(151,294)	(291,561)	(197,612)	(346,601)
General and administrative	24	(120,581)	(228,844)	(125,920)	(236,593)
Other operating revenue (expenses), net	25	28,115	46,369	(2,882)	(14,625)
Equity accounting result	11	219,925	290,702	135,465	314,999
		(23,835)	(183,334)	(190,949)	(282,820)
Income (loss) before financial results and income tax and social contribution		183,964	257,246	(71,619)	(47,807)
Financial results					
Financial expenses	26	(281,163)	(661,340)	(241,574)	(422,844)
Financial revenues	26	52,318	108,649	78,015	155,414
Foreign exchange variation, net	26	(139,167)	(114,038)	(34,570)	(140,447)
Net effect of the derivatives	26	146,679	184,265	67,144	151,303
		(221,333)	(482,464)	(130,985)	(256,574)
Loss before income tax and social contribution		(37,369)	(225,218)	(202,604)	(304,381)
Income tax and social contribution	18.a				
Deferred		88,727	163,566	123,243	229,144
		88,727	163,566	123,243	229,144
Net income (loss) for the period		51,358	(61,652)	(79,361)	(75,237)

The accompanying notes from management are an integral part of this interim financial information

RAÍZEN ENERGIA S.A.

Statements of income (loss)
Three and six-month periods ended September 30
(In thousands of reais – R$)

	Note	Consolidated			
		Jul-Sep/2019	Apr-Sep/2019	Jul-Sep/2018	Apr-Sep/2018
Net operating revenue	22	7,698,685	13,782,786	5,452,055	9,543,611
Costs of products sold and services provided	24	(7,124,617)	(12,788,360)	(5,074,152)	(8,843,057)
Gross income		574,068	994,426	377,903	700,554
Operating revenue (expenses)					
Selling	24	(209,861)	(382,071)	(255,646)	(440,598)
General and administrative	24	(166,335)	(310,028)	(163,590)	(310,399)
Other operating revenue (expenses), net	25	86,986	90,223	(2,570)	58,032
Equity accounting result	11	1,176	(7,771)	(7,365)	(8,767)
		(288,034)	(609,647)	(429,171)	(701,732)
Income (loss) before financial results and income tax and social contribution		286,034	384,779	(51,268)	(1,178)
Financial results					
Financial expenses	26	(323,197)	(765,134)	(296,019)	(540,889)
Financial revenues	26	111,257	233,567	143,662	314,954
Foreign exchange variation, net	26	(152,702)	(125,435)	(44,947)	(186,413)
Net effect of the derivatives	26	173,097	223,511	84,689	186,099
		(191,545)	(433,491)	(112,615)	(226,249)
Income (loss) before income tax and social contribution		94,489	(48,712)	(163,883)	(227,427)
Income tax and social contribution	18.a				
Current		(63,201)	(76,635)	(29,240)	(45,882)
Deferred		48,337	105,596	121,633	205,927
		(14,864)	28,961	92,393	160,045
Net income (loss) for the period		79,625	(19,751)	(71,490)	(67,382)
Attributable to:					
Company's controlling shareholders		51,358	(61,652)	(79,361)	(75,237)
Company's non-controlling shareholders		28,267	41,901	7,871	7,855
		79,625	(19,751)	(71,490)	(67,382)
Net income (loss) per common share:					
Basic and diluted	21.e	0.007	(0.009)	(0.011)	(0.011)

The accompanying notes from management are an integral part of this interim financial information

RAÍZEN ENERGIA S.A.

Statements of comprehensive income (loss)
Three and six-month periods ended September 30
(In thousands of reais – R$)

	Parent			
	Jul-Sep/2019	**Apr-Sep/2019**	**Jul-Sep/2018**	**Apr-Sep/2018**
Net income (loss) for the period	51,358	(61,652)	(79,361)	(75,237)
Comprehensive income (loss)				
Items that are or may be reclassified to statements of income or loss				
Net result from financial instruments designated as Hedge accounting (Note 27.e)	(307,219)	(195,814)	(56,413)	(568,888)
Effect of foreign currency translation	15,427	23,076	(12,782)	(17,729)
Deferred taxes on adjustments (Note 18.b)	104,454	66,577	19,174	193,422
Other components of the comprehensive income for the period	(187,338)	(106,161)	(50,021)	(393,195)
Total comprehensive income for the period	(135,980)	(167,813)	(129,382)	(468,432)

The accompanying notes from management are an integral part of this interim financial information.

RAÍZEN ENERGIA S.A.

Statements of comprehensive income (loss)
Three and six-month periods ended September 30
(In thousands of reais – R$)

	Consolidated			
	Jul-Sep/2019	**Apr-Sep/2019**	**Jul-Sep/2018**	**Apr-Sep/2018**
Net income (loss) for the period	79,625	(19,751)	(71,490)	(67,382)
Comprehensive income (loss)				
Items that are or may be reclassified to statements of income or loss				
Net result from financial instruments designated as				
Hedge accounting (Note 27.e)	(307,219)	(195,814)	(56,413)	(568,888)
Effect of foreign currency translation	15,427	23,076	(12,782)	(17,729)
Deferred taxes on adjustments (Note 18.b)	104,454	66,577	19,174	193,422
Other components of the comprehensive income (loss) for the period	(187,338)	(106,161)	(50,021)	(393,195)
Total comprehensive income for the period	(107,713)	(125,912)	(121,511)	(460,577)
Attributable to:				
Company's controlling shareholders	(135,980)	(167,813)	(129,382)	(468,432)
Company's non-controlling shareholders	28,267	41,901	7,871	7,855
	(107,713)	(125,912)	(121,511)	(460,577)

The accompanying notes from management are an integral part of this interim financial information

RAÍZEN ENERGIA S.A.

Statements of changes in shareholder´s equity
Six-month periods ended September 30
(In thousands of reais – R$)

	Attributable to the parent company's shareholders										
		Capital reserves			Income reserves						
	Capital	Capital reserve	Goodwill special reserve	Equity valuation adjustments	Tax incentive reserve	Legal	Profit retention	Accumulated losses	Total	Interest of non-controlling shareholders	Total equity
Balances at March 31, 2019	6,511,193	846,010	243,111	(228,801)	407,906	226,519	296,825	-	8,302,763	35,263	8,338,026
Comprehensive income for the period											
Loss for the period	-	-	-	-	-	-	-	(61,652)	(61,652)	41,901	(19,751)
Net loss on designated financial instruments as hedge accounting (Note 27.e)	-	-	-	(129,237)	-	-	-	-	(129,237)	-	(129,237)
Effect of foreign currency translation	-	-	-	23,076	-	-	-	-	23,076	-	23,076
	-	-	-	(106,161)	-	-	-	(61,652)	(167,813)	41,901	(125,912)
Distributions to Company's shareholders											
Payment of dividends (Note 21.b)	-	-	-	-	-	-	(296,725)	-	(296,725)	(7,051)	(303,776)
Realization of reserves (Note 21.b)	-	-	-	-	(407,905)	-	-	-	(407,905)	-	(407,905)
	-	-	-	-	(407,905)	-	(296,725)	-	(704,630)	(7,051)	(711,681)
Balances at September 30, 2019	6,511,193	846,010	243,111	(334,962)	1	226,519	100	(61,652)	7,430,320	70,113	7,500,433

The accompanying notes from management are an integral part of this interim financial information

RAÍZEN ENERGIA S.A.

Statements of changes in shareholder´s equity
Six-month periods ended September 30
(In thousands of reais – R$)

	Attributable to the parent company's shareholders										
		Capital reserves			Income reserves						
	Capital	Capital reserve	Goodwill special reserve	Equity valuation adjustments	Tax incentive reserve	Legal	Profit retention	Accumulated losses	Total	Interest of non-controlling shareholders	Total equity
Balances at March 31, 2018	6,505,526	846,010	243,111	(3,386)	310,190	203,122	720,564	-	8,825,137	(970)	8,824,167
First-time adoption - IFRS 9 (CPC 48)	-	-	-	-	-	-	-	(163)	(163)	-	(163)
Balances at April 1, 2018	6,505,526	846,010	243,111	(3,386)	310,190	203,122	720,564	(163)	8,824,974	(970)	8,824,004
Comprehensive income for the period											
Loss for the period	-	-	-	-	-	-	-	(75,237)	(75,237)	7,855	(67,382)
Net loss on designated financial instruments as hedge accounting	-	-	-	(375,466)	-	-	-	-	(375,466)	-	(375,466)
Effect of foreign currency translation	-	-	-	(17,729)	-	-	-	-	(17,729)	-	(17,729)
	-	-	-	(393,195)	-	-	-	(75,237)	(468,432)	7,855	(460,577)
Distributions to Company's shareholders											
Business combination	-	-	-	-	-	-	-	-	-	30,000	30,000
Capital increase	-	-	-	-	-	-	-	-	-	4,159	4,159
Payment of dividends	-	-	-	-	-	-	(720,564)	(42,836)	(763,400)	-	(763,400)
	-	-	-	-	-	-	(720,564)	(42,836)	(763,400)	34,159	(729,241)
Balance at September 30, 2018	6,505,526	846,010	243,111	(396,581)	310,190	203,122	-	(118,236)	7,593,142	41,044	7,634,186

The accompanying notes from management are an integral part of this interim financial information

RAÍZEN ENERGIA S.A.

Statements of cash flows - indirect method
Six-month periods ended September 30
(In thousands of reais – R$)

	Parent company		Consolidated	
	Apr-Sep/2019	Apr-Sep/2018	Apr-Sep/2019	Apr-Sep/2018
Cash flow from operating activities				
Loss before income tax and social contribution	(225,218)	(304,381)	(48,712)	(227,427)
Adjustments:				
Depreciation and amortization (Note 24.a)	969,820	745,064	1,265,529	972,418
Changes in fair value and amortization of the fair value of biological assets (Note 24.a)	9,307	187,260	19,547	219,025
Equity accounting result of subsidiaries and associated companies (Note 11)	(290,702)	(314,999)	7,771	8,767
Net interest, inflation adjustments and exchange-rate change	542,245	350,742	526,035	300,514
Fair value of liability financial instruments (Note 27)	115,711	33,534	128,868	22,879
Net formation of provision for legal disputes and contingencies	62,240	34,830	82,896	50,902
Unrealized net gain on derivative transactions	(252,434)	(49,043)	(445,473)	(99,433)
Credits from indemnity suits (Note 25)	-	-	-	(75,406)
Provision (reversal) for losses in fixed and intangible assets, net (Nota 25)	7	1,828	(177)	1,923
Net recognition of extemporaneous tax credits	(46,675)	2,316	(110,459)	(972)
Net reversal (formation) of estimated loss from obsolescence of inventories	(2,798)	(1,857)	(2,860)	(1,958)
Other	(44,138)	4,215	(53,927)	(9,439)
Changes in assets and liabilities				
Trade accounts receivable and advances from clients	57,832	28,675	842,275	222,906
Inventories	(1,156,041)	(1,176,388)	(2,394,784)	(2,171,780)
Restricted cash	15,183	(169,721)	6,378	(200,374)
Derivative financial instruments	(260,950)	(441,472)	(225,893)	(432,305)
Other financial assets	(328)	66,904	17,838	66,806
Judicial deposits	(14,250)	(10,963)	(14,177)	(11,612)
Suppliers and advances to suppliers	230,421	428,635	698,151	1,133,463
Recoverable and payable taxes	(20,486)	(40,676)	(99,488)	(103,563)
Related parties	(57,757)	395,547	(43,660)	(126,740)
Payroll and related charges payable	11,097	(29,334)	14,893	(31,355)
Provision for legal disputes	(14,171)	(12,683)	(20,215)	(15,735)
Other assets and liabilities, net	5,665	(36,739)	(31,566)	(82,811)
Payment of income tax and social contribution on net income	-	-	(39,547)	(123,807)
Net cash (used in) generated by operating activities	(366,420)	(308,706)	79,243	(715,114)
Cash flow from investment activities				
Acquisitions of companies, net of acquired cash	(12,546)	(13,536)	(12,546)	(13,536)
Cash obtained from business combination operation	-	-	-	19,286
Additions to the investment (Note 11.d.i)	(20,754)	(22,569)	(20,754)	(16,021)
Additions to property, plant and equipment and intangible assets	(566,046)	(476,447)	(715,078)	(564,078)
Dividends received from subsidiaries	63,045	197,467	-	-
Cash received upon disposal of fixed assets	9,313	7,276	9,706	4,992
Additions to biological assets	(387,071)	(320,641)	(432,294)	(362,984)
Net cash received in the sale of investment	-	-	-	3,662
Amortizations of interest of Export prepayments obtained - intragroup	-	-	-	58,845
Net cash used in investment activities	(914,059)	(628,450)	(1,170,966)	(869,834)
Cash flow from financing activities				
Loans and financing - Third-parties	990,667	2,286,593	997,894	2,287,595
Amortizations of principal of loans and financing - third-parties	(72,107)	(225,969)	(133,767)	(491,749)
Payment of interest on loans and financing - third-parties	(162,640)	(155,925)	(240,655)	(253,744)
Amortization of lease liabilities - third parties (Note 17)	(394,613)	-	(438,390)	-
Amortization of lease liabilities - related parties (Note 10)	(69,126)	-	(69,126)	-
Redemption of financial investments linked to financing (Restricted cash)	177	(771)	9,992	(325)
Payment of dividends (Note 21.b)	(711,794)	(780,482)	(721,692)	(780,482)
Amortizations of interest of Export prepayments obtained - intragroup	(34,569)	(34,137)	-	-
Net asset management - intragroup	1,763,305	390,308	1,371,752	(187,127)
Net cash generated by financing activities	1,309,300	1,479,617	776,008	574,168
Net increase (Decrease) in cash and cash equivalents	28,821	542,461	(315,715)	(1,010,780)
Cash and cash equivalents at the beginning of the period	537,241	106,390	3,189,859	3,321,777
Effect of exchange-rate change on cash and cash equivalents	34,793	10,601	106,954	150,753
Cash and cash equivalents at the end of the period	600,855	659,452	2,981,098	2,461,750

Supplementary information to the cash flow is shown in Note 30.

RAÍZEN ENERGIA S.A.

Statements of added value
Six-month periods ended September 30
(In thousands of reais – R$)

	Parent company		Consolidated	
	Apr-Sep/2019	Apr-Sep/2018	Apr-Sep/2019	Apr-Sep/2018
Revenues				
Gross sales of products and services	3,223,261	3,277,074	14,520,964	10,178,412
Returns of sales, discounts and rebates	(7,539)	(5,057)	(27,098)	(14,881)
Reversal (formation) of estimated loss from allowance for doubtful accounts	(859)	(514)	(1,538)	(554)
Other operating revenue (expenses), net	46,376	(14,625)	90,046	59,955
	3,261,239	3,256,878	14,582,374	10,222,932
Inputs acquired from third parties				
Costs of products sold and services provided	(1,345,223)	(1,444,887)	(11,251,352)	(7,139,175)
Materials, energy, outsourced services and other	(359,513)	(417,347)	(444,696)	(508,019)
Loss arising from change in the fair value and realization of the capital gain or loss of biological assets	(9,307)	(187,260)	(19,547)	(219,025)
(Formation) Reversal of estimated loss in investments, fixed and intangible assets, net	(7)	(1,828)	177	(1,923)
Net reversal of estimated loss from obsolescence of inventories	2,798	1,857	2,860	1,958
	(1,711,252)	(2,049,465)	(11,712,558)	(7,866,184)
Gross added value	1,549,987	1,207,413	2,869,816	2,356,748
Depreciation and amortization	(969,820)	(745,064)	(1,265,529)	(972,418)
Net added value produced	580,167	462,349	1,604,287	1,384,330
Added value received as transfers				
Equity accounting result	290,702	314,999	(7,771)	(8,767)
Financial revenues	108,649	155,414	233,567	314,954
Gain from exchange-rate changes	25,129	-	27,267	-
Gain on derivative operations	184,265	151,303	223,511	186,099
	608,745	621,716	476,574	492,286
Added value payable	1,188,912	1,084,065	2,080,861	1,876,616
Distribution of added value				
Personnel				
Direct remuneration	256,775	282,439	385,055	415,105
Benefits	61,950	72,108	71,653	85,605
FGTS	24,441	30,028	28,939	35,337
	343,166	384,575	485,647	536,047
Taxes, duties and contributions				
Federal	100,786	111,399	484,348	411,023
Deferred Federal taxes	(163,566)	(229,144)	(105,596)	(205,927)
State	126,189	119,735	310,052	260,958
Municipal	6,562	5,163	8,361	6,423
	69,971	7,153	697,165	472,477
Third-party capital remuneration				
Financial expenses	661,340	422,844	765,134	540,889
Loss from exchange-rate changes	139,167	140,447	152,702	186,413
Rental and leases	36,920	161,447	41,865	173,191
	837,427	724,738	959,701	900,493
Remuneration of own capital				
Dividends	-	42,836	-	42,836
Retained	(61,652)	(75,237)	(19,751)	(67,382)
Non-controlling interest in retained earnings	-	-	(41,901)	(7,855)
	(61,652)	(32,401)	(61,652)	(32,401)
Distributed added value	1,188,912	1,084,065	2,080,861	1,876,616

1. Operations

Raízen Energia S.A. ("Company", "Group", "Raízen Energia" or "RESA") is a publicly-held company enrolled in the Brazilian Securities and Exchange Commission ("CVM") in Category B, headquartered at Avenida Brigadeiro Faria Lima, 4.100, 11° floor, Part V, Itaim Bibi, São Paulo/SP, Brazil. The Company was established on June 1, 2011 and is indirectly and jointly controlled by Royal Dutch Shell ("Shell") and Cosan Limited ("Cosan").

The term Raízen, when mentioned, corresponds to the establishment of a joint venture between Shell and Cosan, in the ethanol, sugar and energy segment.

The Company and its subsidiaries are mainly engaged in producing and trading sugar and ethanol, including abroad through its subsidiaries Raízen Trading LLP and Raízen International Universal Corporation, and co-generating energy produced from sugarcane bagasse at its 26 mills located in Brazil's Center-Southern Region and trading business of electricity.

Sugarcane farming requires a period ranging from 12 to 18 months for maturing and harvesting and generally starts between the months of April and May every year, and usually ends between November and December, period in which sugar and ethanol are also produced. Production is sold during the whole year and does not fluctuate over the seasons, but is affected by normal market supply and demand. Because of its production cycle, the Company's fiscal year starts on April 1 and ends on March 31.

2. Presentation of interim financial information and significant accounting policies

2.1. Preparation basis

The interim financial information was prepared in accordance with Technical Accounting Pronouncement CPC 21 (R1) - Interim Financial Reporting and the international standard IAS 34 - Interim Financial Reporting, issued by the International Accounting Standards Board - IASB, as well as for the presentation of this information in a manner consistent with the standards issued by the Brazilian Securities Commission, applicable to the preparation of the Quarterly Financial Information - ITR.

This quarterly information was prepared following preparation basis and accounting policies consistent with those adopted for preparation of financial statements as of March 31, 2019 and should be read with these financial statements. The information in the notes that had not significantly changed, when compared to March 31, 2019, were not fully repeated in this quarterly financial information. Select information was included to explain the main events and transactions that took place, in order to provide an understanding of the changes in the Company's financial position and operating performance since the disclosure of the financial statements at March 31, 2019, as well as changes in accounting policies due to the adoption of new standards and interpretations were adopted in the six-month period ended September 30, 2019 (Note 2.3).

The preparation of this interim financial information, Management used judgments, estimates and assumptions that affect the application of accounting policies of the Group, and the reported amounts of assets, liabilities, revenues and expenses. Actual results may differ from these estimates. The estimates and assumptions are reviewed continually, and did not suffer any material changes in the preparation of this interim financial information in comparison to the annual financial statements at

March 31, 2019, except for the adoption as of April 1, 2019 of the following standards, amendments to standards and interpretations to IFRSs issued by IASB: IFRS 16 - Leases (CPC 06 (R2) - Leases) and ICPC 22 / IFRIC 23 - Uncertainties over Income Tax Treatments, issued by IASB.

The Group's functional currency in Brazil is the Real, which is the currency of its main economic operating environment. The functional currency of subsidiaries operating in the international economic environment is the US Dollar.

Company's Management affirms that all relevant information characteristic of quarterly financial information, and only them, are being evidenced and correspond to those used by Management.

The presentation of the Statement of Added Value is required by Brazilian Corporate Law and the accounting practices adopted in Brazil applicable to publicly-held companies. However, IFRS does not require the presentation of such statement, which is considered supplementary information, without prejudice to the set of quarterly financial information.
The issue of interim financial information was authorized by Management on November 11, 2019.

2.2. Consolidation basis

As of September 30 and March 31, 2019, the consolidated financial information includes quarterly information of RESA and its direct and indirect subsidiaries which are listed below:

	Consolidation	
	Direct	**Indirect**
Agrícola Ponte Alta Ltda. ("Agrícola Ponte Alta")	91.21%	8.79%
Benálcool Açúcar e Álcool Ltda. ("Benálcool")	100.00%	-
Bioenergia Araraquara Ltda. ("Bio Araraquara")	-	100.00%
Bioenergia Barra Ltda. ("Bio Barra")	99.99%	0.01%
Bioenergia Caarapó Ltda. ("Bio Caarapó")	-	100.00%
Bioenergia Costa Pinto Ltda. ("Bio Costa Pinto")	-	100.00%
Bioenergia Gasa Ltda. ("Bio Gasa")	-	100.00%
Bioenergia Jataí Ltda. ("Bio Jataí")	-	100.00%
Bioenergia Maracaí Ltda. ("Bio Maracaí")	-	100.00%
Bioenergia Rafard Ltda. ("Bio Rafard")	-	100.00%
Bioenergia Serra Ltda. ("Bio Serra")	-	100.00%
Bioenergia Tarumã Ltda. ("Bio Tarumã")	-	100.00%
Bioenergia Univalem Ltda. ("Bio Univalem")	-	100.00%
Raízen Centroeste Açúcar e Álcool Ltda. ("Raízen Centroeste")	47.37%	52.63%
Raízen Araraquara Açúcar e Álcool Ltda. ("Raízen Araraquara")	99.99%	0.01%
Raízen Ásia PT Ltd. ("Raízen Ásia")	-	100.00%
Raízen Biotecnologia S.A. ("Biotecnologia")	100.00%	-
Raízen Caarapó Açúcar e Álcool Ltda. ("Raízen Caarapó")	31.48%	68.52%
Raízen Energy Finance Ltd. ("Raízen Energy Finance")	100.00%	-
Raízen Fuels Finance S.A. ("Raizen Fuels")	100.00%	-
Raízen International Universal Corp. ("RIUC")	100.00%	-
Raízen North América, Inc. ("Raízen North América")	-	100.00%
Raízen Paraguaçú Ltda. ("Raízen Paraguaçú")	100.00%	-
Raízen Trading LLP ("Raízen Trading")	100.00%	-
São Joaquim Arrendamentos Agrícolas Ltda. ("São Joaquim")	-	100.00%
Unimodal Ltda. ("Unimodal")	53.17%	20.24%
Raízen-Geo Biogás S.A. ("Biogás")	85.00%	-
Raízen Biogás SPE Ltda. ("Raízen Biogás SPE")	99.90%	0.10%
RWXE Participações S.A. ("RWXE")	-	70.00%
WX Energy Comercializadora de Energia Ltda. ("WX Energy")	-	70.00%
Raízen GD Ltda.	99.99%	0.01%

2.3. Changes in significant accounting policies due to the new IFRS / CPC and IFRIC / ICPC

Except as described below, the accounting policies applied in this interim financial information are the same applied in the individual and consolidated financial statements of the Company in the year ended March 31, 2019.

Changes in accounting policies shall be also be reflected in the Company's annual, individual and consolidated financial statements for the year ending March 31, 2020.

As of April 1, 2019, the Company adopted IFRS 16 - Leases (CPC 06 (R2) - Leases) and ICPC 22 / IFRIC 23 - Uncertainties over Income Tax Treatments, issued by IASB.

2,3,1 IFRS 16 - Leases (CPC 06 (R2))

General Aspects

IFRS 16 (CPC 06 (R2)) introduces a single model of accounting of leases in the statement of financial position to lessees. A lessee recognizes an asset of right of use that represents its right to use the leased asset, and a lease liability that represents its obligation to make lease payments. Optional exemptions are available for short-term leases and low value items. The lessor's accounting remains similar to the current standard, that is, lessors continue to classify leases as financial or operating leases.

IFRS 16 (CPC 06 (R2)) replaces the existing lease standards, including CPC 06 (IAS 17) Commercial Lease Operations and ICPC 03 (IFRIC 4, SIC 15 and SIC 27) Complementary Aspects of Commercial Lease Operations and is effective, in the case of Raízen Group, as of April 1, 2019.

Based on such accounting standard, the most significant impact was that the Company recognized new assets and liabilities for its leases, formerly recognized as operating leases, in connection with agricultural leases, lease of machinery and agricultural implements, lease of properties and trucks. In addition, the nature of expenses related to these leases were changed, since IFRS 16 (CPC 06 (R2)) replaced the linear operating lease expense for expenses of depreciation of the right of use and interest on lease liabilities.

Accounting policy

The Company recognizes an asset of right of use and a lease liability on the date of beginning of the lease. The asset of right of use is initially measured at cost and subsequently at cost less any accumulated amortization and losses to recoverable value, and adjusted at the rate of the respective agreements.

The lease liability is initially measured at the present value of the payments of rents and leases that have not been paid on the transition date, discounted using a single nominal rate, based on the Company's indebtedness, which corresponds to approximately 100% of CDI.

The Company remeasures the lease liability when there is a change in the lease term or a change in future lease payments resulting from a change in index or rate used to determine these payments, recognizing the remeasurement value of the lease liability as adjustment to the asset of right of use.

The lease term is equivalent to the minimum non-cancellable term of the agreements and the Company does not add the periods covered by a renewal option to the lease term, except where the Company is reasonably certain that the renewal option will be exercised. For example, in the case of agricultural contracts where the Company has the renewal prerogative for a pre-established number of crops under the terms of the contract.

Transition

The Company opted to use the modified approach on a retrospective basis, in which the cumulative effect of first-time adoption is recognized as an adjustment the opening balance of retained earnings on April 1, 2019. Thus, the comparative information presented for the prior year was not restated, that is, it is presented as formerly reported according to CPC 06 (R1) (IAS 17) and related interpretations.

In addition, the following main practical expedients were used for the transition to the new requirements of lease accounting: (a) adoption of IFRS 16 (CPC 06 (R2)) to all the agreements signed prior to April 1, 2019 which were identified as leases according to CPC 06 (R1) (IAS 17) and related interpretations; (b) use of a single nominal discount rate to all the agreements; (c) there was no recognition of agreements expiring within the twelve-month period commencing on the date of first adoption of the standard or with indefinite terms; and, (d) the options of extension of term or rescission were considered, when applicable.

In the Company's view, the analyzes associated with the measurement and recognition of rental and lease agreements were substantially completed. However, the Company monitors the discussions between regulators about a possible change of position and further clarification on the concept of incremental loan rate (nominal or actual) and the use to estimate payment flows of lease agreements for the installment, net or gross of taxes.

For purposes of measurement and recognition of rental and lease agreements, the Company used the gross tax portion and the nominal discount rate in this interim financial information.

The table below summarizes the first impacts of the adoption of IFRS 16 (CPC 06 (R2):

	Parent company				Consolidated			
	Disclosed at 03/31/2019	Initial adoption adjustment to IFRS 16 (CPC 06 (R2))	Note	Balance at 04/01/2019	Disclosed at 03/31/2019	Initial adoption adjustment to IFRS 16 (CPC 06 (R2))	Note	Balance at 04/01/2019
Assets								
Current								
Other credits	258,357	(105,631)		152,726	318,492	(126,107)		192,385
Other assets	4,320,866	-		4,320,866	10,050,643	-		10,050,643
Total current assets	4,579,223	(105,631)		4,473,592	10,369,135	(126,107)		10,243,028
Non-current								
Right of use	-	3,531,828	12	3,531,828	-	3,954,410	12	3,954,410
Other assets	15,694,032	-		15,694,032	18,262,450	-		18,262,450
Total non-current assets	15,694,032	3,531,828		19,225,860	18,262,450	3,954,410		22,216,860
Total assets	20,273,255	3,426,197		23,699,452	28,631,585	3,828,303		32,459,888
Liabilities								
Current								
Lease liability	-	680,460	17	680,460	-	765,203	17	765,203
Related parties	1,263,016	134,048	10	1,397,064	656,335	134,048	10	790,383
Other liabilities	2,873,821	-		2,873,821	7,249,635	-		7,249,635
Total current liabilities	4,136,837	814,508		4,951,345	7,905,970	899,251		8,805,221
Non-current								
Lease liability	-	2,024,978	17	2,024,978	-	2,342,341	17	2,342,341
Related parties	1,812,752	586,711	10	2,399,463	398,863	586,711	10	985,574
Other liabilities	6,020,903	-		6,020,903	11,988,726	-		11,988,726
Total non-current liabilities	7,833,655	2,611,689		10,445,344	12,387,589	2,929,052		15,316,641
Equity	8,302,763	-		8,302,763	8,338,026	-		8,338,026
Total liabilities and equity	20,273,255	3,426,197		23,699,452	28,631,585	3,828,303		32,459,888

2.3.2 ICPC 22 / IFRIC 23 – Uncertainties in relation to tax treatments

This interpretation clarifies how to apply recognition and measurement requirements of CPC 32 – Income taxes (IAS 12 – Income Taxes) in case there is uncertainty on income tax treatments and social contribution on net income. In these circumstances, the entity must recognize and measure its current or deferred tax assets or liabilities by applying requirements of CPC 32 (IAS 12), based on taxable income (tax loss), tax bases, taxable losses not used, tax credits not used, and tax rates, determined in accordance with this interpretation. This interpretation is effective, in the case of the Company, as of April 1, 2019 and no impacts had been identified in connection with such interpretation and which had not been disclosed in the financial statements and interim financial information of the Company.

2.3.3 Other information

On April 1, 2019, there were no impacts on the statements of income, comprehensive income, changes in equity, cash flows and as a result of the amendments made to the new IFRS/CPCs and IFRIC/ICPCs mentioned above.

3. Cash and cash equivalents

		Average yield rate		Parent company		Consolidated	
	Index	09/30/2019	03/31/2019	09/30/2019	03/31/2019	09/30/2019	03/31/2019
Funds in banks and in cash				545,070	379,415	2,467,648	1,544,831
Values awaiting foreign exchange closure				55,785	157,368	158,403	162,854
Investment Funds	CDI	98.80%	97.27%	-	-	69,812	290,603
Bank deposit certificate (CDB) and commitments	CDI	100.19%	99.02%	-	458	285,235	1,191,571
				600,855	537,241	2,981,098	3,189,859
Domestic (domestic currency)				61,427	50,189	437,844	1,563,169
Abroad (foreign currency) (Note 27.d)				539,428	487,052	2,543,254	1,626,690
				600,855	537,241	2,981,098	3,189,859

4. Restricted cash

		Average yield rate		Parent company		Consolidated	
	Index	09/30/2019	03/31/2019	09/30/2019	03/31/2019	09/30/2019	03/31/2019
Financial investments linked to financing	CDI	100.02%	100.02%	250	628	31,810	40,565
Investments related to derivative operations (Note 27.g)	CDI	101.22%	101.34%	35,028	40,699	35,028	40,699
Margin on derivative operations (Note 27.g)	-	-	-	36,875	43,360	90,555	53,702
				72,153	84,687	157,393	134,966
Domestic (domestic currency)				35,278	41,327	66,838	81,264
Abroad (foreign currency) (Note 27.d)				36,875	43,360	90,555	53,702
				72,153	84,687	157,393	134,966

5. Trade accounts receivable

	Parent Company		Consolidated	
	09/30/2019	03/31/2019	09/30/2019	03/31/2019
Domestic	232,339	232,065	933,952	701,569
Abroad (Note 27.d)	23,829	2,732	376,616	297,104
Estimated loss from allowance for doubtful accounts	(3,625)	(2,766)	(26,387)	(24,649)
	252,543	232,031	1,284,181	974,024

The Company did not pledge any trade as a guarantee. The maximum exposure to credit risk on the statement of financial position date is the book value of each kind of trade accounts receivable.

The aging analysis of trade accounts receivable is as follows:

	Parent company		Consolidated	
	09/30/2019	03/31/2019	09/30/2019	03/31/2019
Falling due	221,095	225,692	1,212,088	938,405
Overdue (days):				
Up to 30	30,148	1,518	61,889	9,000
31–90	1,663	4,840	4,661	10,403
91–180	208	-	1,741	11,446
>180	3,054	2,747	30,189	29,419
	35,073	9,105	98,480	60,268
	256,168	234,797	1,310,568	998,673

The movement in the estimated loss in allowance for doubtful accounts is as follows:

	Parent	Consolidated
March 31, 2019	(2,766)	(24,649)
Estimated loss, net	(859)	(1,538)
Exchange-rate change	-	(200)
September 30, 2019	(3,625)	(26,387)

As of September 30, 2019, the Company had the amounts of R$ 61,951 and R$ 1,180,093 in Parent Company and Consolidated, respectively, (R$ 22,715 and R$ 71,640, in Parent Company and Consolidated, respectively as of March 31, 2019) recorded in current liabilities, under "Advances from clients" caption, which substantially refer to the receipts from foreign clients for acquisition of sugar. When applicable, accounts receivable and advances from clients are presented net.

6. Inventories

	Parent company		Consolidated	
	09/30/2019	03/31/2019	09/30/2019	03/31/2019
Finished goods:				
Sugar	1,449,051	64,239	1,781,480	91,586
Ethanol	774,990	245,707	2,059,701	481,174
Products in process	29,013	-	40,823	-
Warehouse and other	227,867	184,229	274,710	238,378
Estimated loss with inventories' obsolescence and realization	(13,823)	(16,621)	(18,907)	(21,767)
	2,467,098	477,554	4,137,807	789,371

The movement in the estimated loss for net realizable value and obsolescence is as follows and was calculated in the statement of income under the caption Cost of products sold and services provided:

	Parent	Consolidated
Balance at March 31, 2019	(16,621)	(21,767)
Estimated loss	(2,168)	(2,446)
Reversal / Realization	4,966	5,306
Balance at September 30, 2019	(13,823)	(18,907)

7. Biological assets

The Company's biological assets correspond to uncut sugarcane cultivated in sugarcane crops that will be used as raw material to produce sugar, ethanol and bioenergy at harvest time. Fair value is evaluated using the cash flow discounted at present value method. The valuation model considers the present value of the cash flows expected to be generated, including projections of up to two years, considering the estimates of effective date of cutting of standing sugarcane.

The cultivated areas represent only sugarcane crops, not considering plots of land where these crops are, which are recognized as fixed assets.

The following assumptions were used in the determination of the fair value:

	Parent company		Consolidated	
	09/30/2019	**03/31/2019**	**09/30/2019**	**03/31/2019**
Estimated harvest area (hectares)	377,269	379,236	433,296	435,341
Amount of ATR per hectare	10.08	10.05	10.24	10.18
Average ATR price per Kg projected (R$/Kg)	0.64	0.62	0.64	0.62

As of September 30, 2019, cash flows were discounted at 5.12% (6.72% as of March 31, 2019) which is the WACC (Weighted Average Capital Cost) of the Company.

The Company periodically reviews assumptions used to calculate biological assets, adjusting it in case there are significant changes in relation to those previously projected.

Movement in biological assets (sugarcane) is detailed below:

	Parent company	Consolidated
Balance at March 31, 2019	654,348	813,995
Additions of sugarcane treatments	397,287	444,127
Absorption of harvested sugarcane costs	(452,563)	(513,337)
Change in fair value	(70,454)	(41,646)
Realization of fair value	61,146	22,099
Balance at September 30, 2019	589,764	725,238

8. Recoverable taxes and contributions

	Parent company		Consolidated	
	09/30/2019	03/31/2019	09/30/2019	03/31/2019
PIS and COFINS (i)	257,537	31,706	408,468	56,598
ICMS	129,162	52,243	223,341	107,966
Excise tax ("IPI")	30,660	29,111	35,329	33,642
Refis	41,009	40,261	41,009	40,261
Other	33,897	32,198	71,016	60,396
	492,265	185,519	779,163	298,863
Current	(265,764)	(133,467)	(477,404)	(221,494)
Non-current	226,501	52,052	301,759	77,369

(i) ICMS on the calculation basis of PIS and COFINS

Since the adoption of the non-cumulative PIS and COFINS tax regime, the Group has been legally claiming the right to exclude ICMS from the PIS and COFINS tax base. During the six-month period ended September 30, 2019, the Company concluded that the required legal certainty for the recognition of said tax credits was achieved, considering that, over the years, certain events occurred which corroborated the understanding that the Federal Supreme Court (STF) decision´s on March 15, 2017 clarifies that the taxpayer is allowed to exclude the ICMS in the PIS and COFINS calculation basis. Management's understanding is supported by legal opinions issued by legal advisors and by the final and unappealable decisions of lawsuits.

Thus, the Company recorded credits on Recoverable taxes, on non-current assets, the amount of R$ 172,954 and R$ 240,937, in the parent company and consolidated, respectively, arising from certain lawsuits with final and unappealable decisions for the whole period as of 5 years from the date of filing of lawsuits and, in the case of the lawsuits without final and unappealable decisions, the Company recognized the credits only after the announcement of the decision as of October 2, 2017. Such credits were recognized in the statement of income in the amounts of R$ 51,262 and R$ 114,765, in the parent company and consolidated, respectively.

Credits in the amount of R$ 121,692 and R$ 126,172, in the parent company and consolidated, respectively, whose taxable event precedes the establishment of Raízen, as part of the process of establishment of the Group by Cosan and Shell shareholders (pursuant to Note 1), were recognized in the caption Related parties in non-current liabilities, and shall be refunded as they are used by the Company.

9. Other financial assets

	Parent company		Consolidated	
	09/30/2019	**03/31/2019**	**09/30/2019**	**03/31/2019**
Credits from indemnity suits - refundable (1)	93,795	89,916	93,795	89,916
Credits from indemnity suits - own (2)	-	-	210,936	221,373
National Treasury Certificates - CTN (3)	370,087	500,770	384,958	521,943
Other	1	1	98	194
	463,883	590,687	689,787	833,426
Current	(134,399)	(265,860)	(157,168)	(306,457)
Non-current	329,484	324,827	532,619	526,969

(1) Receivables from legal disputes on which a final judgment favorable to RESA was passed made, which were not part of the net assets contributed by Cosan to set up the Group. Therefore, RESA recognized a liability in the same amount, classified as current and non-current liabilities in the related parties (Note 10.c) caption, given that RESA has the obligation to reimburse those receivables to Cosan when they are actually collected. These credits yield IPCA-E (Special Amplified Consumer Price Index) and Selic rate change plus annual interest of 6% as applicable.

(2) Receivables from a final and unappeasable judgment in favor of Raízen Araraquara, a subsidiary of the Company, relating to the lawsuit of the Instituto do Açúcar e do Álcool ("IAA") against the Federal Government, filed by Copersucar in 1990. The lawsuit involves the awarding of compensation for losses caused to the mills by the Federal Government when setting prices below market prices. In the six-month period ended September 30, 2019, the Company received R$ 10,437 in Refundable credit from indemnity suits.

(3) Brazilian Treasury Certificates are government bonds issued by the Brazilian Treasury within the Special Agriculture Industry Securitization Program - PESA, with a 20-year original maturity (falling due between 2019 and 2025) and which pledged to secure its related financing transaction called PESA. These bonds bear annual compound interest of 12%, plus the IGP-M (General Market Price Index). Their value on maturity date tends to be equivalent to the principal value of the debt due under PESA and may be used for settlement. In the six-month period ended September 30, 2019 the Company redeemed R$ 158,844 for settlement of PESA.

10. Related parties

a) Summary of related party balances

	Parent company		Consolidated	
	09/30/2019	03/31/2019	09/30/2019	03/31/2019
Assets				
Assets classification per currency:				
Domestic (domestic currency)	2,067,857	1,425,032	2,236,378	1,188,455
Abroad (foreign currency) (Note 27.d)	190,838	182,049	4,559,272	4,642,299
	2,258,695	1,607,081	6,795,650	5,830,754
Asset management (1)				
Raízen Combustíveis S.A. and its subsidiaries	324,345	154,277	324,345	154,277
Bioenergia Barra Ltda.	588,730	542,254	-	-
Raízen Paraguaçú Ltda	89,790	-	-	-
Agrícola Ponte Alta Ltda.	42,442	-	-	-
Raízen Biogás Ltda	74,056	34,342	-	-
Other	3	3	-	-
	1,119,366	730,876	324,345	154,277
Commercial and administrative operations (2)				
Raízen Combustíveis S.A. and its subsidiaries	28,412	63,265	2,342,643	1,731,751
Nova América Agrícola Caarapó Ltda.	-	-	137,522	110,952
Raízen and Wilmar Sugar Pte. Ltd.	-	-	4,734	56,047
Agroterenas S.A.	-	-	47,999	34,338
Rumo Group	21,217	21,046	21,827	21,304
Cosan S.A.	14,802	12,208	14,802	12,208
Comgás – Companhia de Gás de São Paulo	14,704	11,843	14,704	11,843
Shell Trading US Company	-	-	67,746	83,924
Raízen International Universal Corporation	21,139	62,726	-	-
Raízen Araraquara Açúcar e Álcool Ltda.	62,615	5,303	-	-
Raízen Centroeste Açúcar e Álcool Ltda.	225,694	4,534	-	-
Unimodal Ltda.	3,617	3,617	-	-
Philipínas Shell Petroleum Corp.	-	-	6,783	5,056
Raízen Paraguaçú Ltda.	5,134	17,253	-	-
Shell Trading Rotterdam	-	-	22,189	12,709
Raízen Trading LLP	169,267	118,994	-	-
Other	15,924	9,633	15,295	18,155
	582,525	330,422	2,696,244	2,098,287
Financial operations (3)				
Raízen Combustíveis S.A. and its subsidiaries	-	-	3,149,397	2,963,729
Corporate restructuring				
Geo Energética Participações S.A	-	-	-	1,663
Framework operations (4)				
Cosan S.A	556,372	545,454	625,317	612,469
Shell Brazil Holding B.V	432	329	347	329
	556,804	545,783	625,664	612,798
	2,258,695	1,607,081	6,795,650	5,830,754
Current assets	(1,916,430)	(1,247,672)	(4,125,903)	(2,413,896)
Non-current assets	342,265	359,409	2,669,747	3,416,858

	Parent company		Consolidated	
	09/30/2019	03/31/2019	09/30/2019	03/31/2019
Liabilities				
Classification of liabilities per currency:				
Domestic (domestic currency)	4,437,408	1,128,001	3,341,618	826,730
Abroad (foreign currency) (Note 27.d)	2,013,148	1,947,767	660,986	228,468
	6,450,556	3,075,768	4,002,604	1,055,198
Asset management (1)				
Raízen Combustíveis S.A. and its subsidiaries	1,751,223	244,530	1,751,223	244,530
Bioenergia Barra Ltda. and its subsidiaries	233,702	175,973	-	-
Agrícola Ponte Alta Ltda.	-	67,101	-	-
Raízen Centroeste Açúcar e Álcool Ltda.	525,881	37,959	-	-
Raízen Paraguaçú Ltda.	-	30,893	-	-
WX Energy Comercializadora de Energia Ltda.	68,419	77,533	-	-
RWXE Participações S.A.	505	-	-	-
Raízen Araraquara Açúcar e Álcool Ltda.	292,367	37,492	-	-
Benálcool Açúcar e Álcool Ltda.	1,282	1,397	-	-
Raízen Caarapó Açúcar e Álcool Ltda.	12,983	27,837	-	-
	2,886,362	700,715	1,751,223	244,530
Commercial and administrative operations (2)				
Raizen and Wilmar Sugar Pte. Ltd	-	-	220,760	79,967
Agroterenas S.A.	-	-	87,042	15,703
Raízen Combustíveis S.A. and its subsidiaries	20,719	17,459	41,170	34,360
Rumo Group	10,131	18,694	13,195	20,891
Raízen Centroeste Açúcar e Álcool Ltda.	223,866	609	-	-
Nova América Agrícola Ltda.	-	-	39,711	9,769
Nova América Agrícola Caarapó Ltda.	-	-	55,662	19,464
Propriedades Agrícola Radar and its subsidiaries	3,601	5,375	3,601	5,375
Cosan S.A.	4,887	1,826	4,887	1,826
Shell Trading US Company	-	-	430,071	148,501
Raízen Internacional Universal Corporation	322,921	312,668	-	-
Raízen Trading LLP.	13,020	99,736	-	-
Raízen Paraguaçú Ltda.	4,714	12,303	-	-
Raízen Araraquara Açúcar e Álcool Ltda.	60,857	3,093	-	-
Comgás Companhia de Gás de São Paulo	4,738	4,738	4,738	4,738
Cosan Lubrificantes e Especialidades S.A.	6,223	2,047	7,687	2,593
Bioenergia Barra Ltda and its subsidiaries	1,465	6,580	-	-
Other	6,124	3,893	10,783	3,813
	683,266	489,021	919,307	347,000
Financial operations (3)				
Raízen Fuels Finance Limited	1,677,207	1,535,363	-	-
	1,677,207	1,535,363	-	-
Corporate restructuring			-	
Raízen Biogás Ltda.	-	9,426	-	-
	-	9,426	-	-
Framework operations (4)				
Cosan S.A Indústria e Comércio	466,452	334,167	596,720	458,507
Agrícola Ponte Alta S.A.	1,915	1,915	-	-
	468,367	336,082	596,720	458,507
Preferred shares (5)				
Cosan S.A Indústria e Comércio	5,161	5,161	5,161	5,161

Lease liabilities (6)				
Radar Propriedades Agrícolas S/A	142,871	-	142,871	-
Nova Agrícola Ponte Alta S/A	104,004	-	104,004	-
Terras da Ponte Alta S/A	15,639	-	15,639	-
Nova Amaralina S/A Propriedades Agrícolas	55,081	-	55,081	-
Terrainvest Propriedades Agrícolas S/A	50,655	-	50,655	-
Jatiba Prod Agr. Ltda.	61,413	-	61,413	-
Seringueira Propriedades Agrícolas Ltda	44,937	-	44,937	-
Aguapar Agrícola Ltda.	38,340	-	38,340	-
Aguassanta Agrícola S/A	129,723	-	129,723	-
Agrobio Investimento e Participações S/A	29,093	-	29,093	-
Bioinvestiments Negócios e Participações S/A	11,490	-	11,490	-
Proud Participações S/A	13,449	-	13,449	-
Other	33,498	-	33,498	-
	730,193	-	730,193	-
	6,450,556	3,075,768	4,002,604	1,055,198
Current liabilities	(3,912,497)	(1,263,016)	(2,884,825)	(656,335)
Non-current liabilities	2,538,059	1,812,752	1,117,779	398,863

(1) Asset management

The amount recorded in assets refers to funds made available to companies as a form of managing financial resources. On these transactions, the Company recorded financial revenues in the amount of R$ 28,755 and R$ 8,427 (R$ 18,014 and R$ 11,708 in the six-month period ended September 30, 2018), Parent Company and Consolidated, respectively, according to the cash financial management, under the terms of the resource management agreement.

The amount recorded in liabilities refers to funds received from the companies as a form of managing financial resources. On these transactions, the Company recorded financial expenses in the amount of R$ 64,788 and R$ 34,747 (R$ 30,207 and R$ 7,878 in the six-month period ended September 30, 2018), Parent Company and Consolidated, respectively, according to the cash financial management, under the terms of the resource management agreement.

(2) Commercial and administrative operations

Amount recorded in assets refers to reimbursement of administrative expenses, commercial transactions for sale of products such as: sugar, ethanol and other materials, as well as advances for acquisition of sugar cane and port lifting transactions. Amount recorded in liabilities refers to reimbursement of administrative expenses, rendering of services, advances from clients for export of sugar and purchase of products such as: sugar, sugarcane, diesel, and ethanol.

(3) Financial operations

As of September 30, 2019, the amount recorded in assets refers to export prepayment agreements ("PPE") receivable from Raízen Combustíveis S.A., as stated below:

						Consolidated	
Contract	**Currency**	**Principal value in foreign currency**	**Maturity**	**Annual effective average interest rate**	**Index**	**09/30/2019**	**03/31/2019**
PPE	USD	219,000	04/27/2020	3.80%	Libor	912,484	853,988
PPE	USD	350,000	01/20/2027	5.49%	-	1,473,099	1,378,404
		569,000				2,385,583	2,232,392
PPE	Euro (€)	66,000	10/15/2021	3.09%	-	308,797	292,949
PPE	Euro (€)	40,000	01/20/2022	1.84%	Euribor	182,355	175,669
PPE	Euro (€)	60,000	01/21/2022	2.10%	Euribor	272,662	262,719
		166,000				763,814	731,337
						3,149,397	2,963,729
					Current	(937,797)	(20,091)
					Non-current	2,211,600	2,943,638

As of September 30, 2019, the amount recorded in liabilities refers mainly to export prepayment agreements ("PPE") due to Raízen Fuels as shown below:

						Parent company	
Contract	**Currency**	**Principal value in foreign currency**	**Maturity**	**Annual effective average interest rate**	**Index**	**09/30/2019**	**03/31/2019**
PPE	USD	200,000	04/30/2024	3.86%	Libor	834,245	779,900
PPE	USD	31,000	04/27/2020	3.80%	Libor	159,095	121,381
Export PPE	USD	25,000	01/20/2027	5.49%	-	105,184	84,795
	USD	125,000	01/20/2027	5.49%	-	578,683	549,287
		381,000				1,677,207	1,535,363
					Current	(136,865)	(6,886)
					Non-current	1,540,342	1,528,477

The Company assigns certain PPE as liability measured at fair value through profit or loss. Accordingly, said PPE is presented including measurement at fair value in the amount of R$ 82,800 (R$ 44,106 on March 31, 2019), whose negative impact on the result in the six-month period ended September 30, 2019 amounted to R$ 38,694 (negative R$ 25,299 in the six-month period ended September 30, 2018).

(4) Framework agreement

As of September 30, 2019, amounts recorded in assets and liabilities refer to amounts spent or payable, fully reimbursable, resulting from establishment of Raízen. In the six-month period ended September 30, 2019, the Company recognized the amounts of R$ 121,692 and R$ 126,172, in the parent company and consolidated, respectively, referring to the exclusion of ICMS from the PIS and COFINS tax calculation basis. See further details in Note 8.

(5) Preferred shares

The balance of preferred shares payable, recorded in liabilities, refers to tax benefit amounts to reimburse Cosan, when effectively utilized by the Company, determined at balances of tax losses and negative basis of social contribution and tax benefit on amortization of goodwill ("GW").

(6) Lease liabilities

On September 30, 2019, the amount recorded in liabilities refers to lease agreements of transactions with related parties.

	Parent company and consolidated
Balance at March 31, 2019	-
Initial adoption - IFRS 16 (CPC 06 (R2)) (Note 2.3.1)	720,759
Balances at April 1, 2019	720,759
Addition of new agreements	20,491
Write-off of agreements	(19,093)
Payment of principal	(69,126)
Interest adjustment	32,321
Remeasurement of the agreements	44,841
	730,193
Current	(146,784)
Non-current	583,409

b) Summary of related-party transactions (4)

	Parent company			
	Jun-Sep/2019	**Apr-Sep/2019**	**Jun-Sep/2018**	**Apr-Sep/2018**
Sale of products, net of returns				
Raízen Trading LLP	659,707	840,566	522,776	658,920
Raízen International Universal	86,359	342,036	492,241	897,404
Raízen Combustíveis S.A. and its subsidiaries	75,875	247,015	29,314	193,341
Raízen Araraquara Açúcar a Álcool Ltda.	47,374	82,742	23,028	43,889
Other	26,632	70,990	40,445	113,086
	895,947	1,583,349	1,107,804	1,906,640
Purchase of goods and services				
Raízen Combustíveis S.A. and its subsidiaries	(199,468)	(391,946)	(188,973)	(371,959)
Raízen Trading LLP	-	(112,192)	-	(32,755)
Rumo Group (i)	(40,159)	(91,199)	(80,733)	(151,481)
Raízen Araraquara Açúcar e Álcool Ltda.	(33,936)	(83,733)	(24,621)	(58,962)
Raízen Paraguaçu Ltda.	(5,959)	(33,820)	(432)	(1,906)
Cosan Lubrificantes e Especialidades S.A.	(5,827)	(12,966)	(4,151)	(9,533)
Shell Brasil Petróleo	(460)	(4,376)	(1,092)	(4,011)
Palermo Agrícola S.A.	(1,048)	(2,576)	(1,194)	(2,934)
Other	(4,455)	(16,815)	(6,824)	(16,981)
	(291,312)	(749,623)	(308,020)	(650,522)
Renewed collection of shared expenses (1)				
Raízen Combustíveis S.A. and its subsidiaries	33,597	67,613	33,449	66,458
Rumo Group (i)	8,533	16,408	6,534	13,269
Companhia de Gás de São Paulo	7,319	14,518	9,495	18,176
Raízen Paraguaçú Ltda.	6,327	12,248	6,176	11,563
Raízen Centroeste Açúcar e Álcool Ltda.	2,670	5,169	2,544	4,534
Bioenergia Barra Ltda and its subsidiaries	2,935	5,419	2,553	4,606
Cosan Lubrificantes e Especialidades S.A.	1,644	3,420	1,452	3,016
Raízen Araraquara Açúcar e Álcool Ltda.	1,790	3,270	1,840	3,246
Cosan S.A.	504	1,369	411	1,133
Other	3,634	6,971	3,253	5,839
	68,953	136,405	67,707	131,840
Land leases (2)				
Radar group (iii)	-	-	(17,693)	(35,585)
Janus Group	-	-	(6,896)	(14,983)
Tellus group	-	-	(5,702)	(11,204)
Aguassanta Group (ii)	-	-	(3,074)	(5,854)
Barrapar Participações S.A.	-	-	(5)	(20)
	-	-	(33,370)	(67,646)
Net financial income (3)				
Raízen Fuels Finance Limited	(183,101)	(176,067)	(99,413)	(324,537)
Raízen Combustíveis S.A. and its subsidiaries	(13,277)	(24,307)	3,206	3,830
Radar Group	(7,902)	(16,192)	-	-
Raízen Centroeste Açúcar e Álcool Ltda.	(7,854)	(10,771)	(1,389)	(2,725)
Aguassanta Group	(3,604)	(7,468)	-	-
Janus Group	(2,523)	(5,161)	-	-
Tellus group	(1,750)	(3,413)	-	-
Raízen Paraguaçú Ltda.	672	(539)	1,363	(619)
Cosan S.A.	-	-	285	(2,196)
Raízen Internacional Universal	877	733	(3,412)	14,858
Bioenergia Barra Ltda and its subsidiaries	5,311	10,784	(1,047)	(2,664)
Raízen Trading LLP and subsidiaries	35,067	30,419	(7,355)	(8,640)
Other	(6,537)	(9,998)	(7,272)	(8,511)
	(184,621)	(211,980)	(115,034)	(331,204)

	Consolidated			
	Jul-Sep/2019	**Apr-Sep/2019**	**Jul-Sep/2018**	**Apr-Sep/2018**
Sale of products, net of returns				
Raízen Combustíveis S.A. and its subsidiaries	2,717,338	5,100,035	1,335,523	2,714,430
Shell Trading US Company	346,020	384,046	220,219	220,219
Raízen and Wilmar Sugar Pt	-	135,834	459,124	918,412
Shell Brasil Petróleo Ltda.	-	12,251	-	-
Shell International Petroleum	21,045	21,045	11,466	32,799
Other	12,545	18,623	4,717	8,773
	3,096,948	5,671,834	2,031,049	3,894,633
Purchase of goods and services				
Shell Trading US Company	(1,048,459)	(1,793,915)	(265,473)	(817,343)
Raízen Combustíveis S.A. and its subsidiaries	(221,909)	(436,214)	(211,619)	(417,140)
Agroterenas S.A.	(122,283)	(208,272)	(83,073)	(157,603)
Rumo Group (i)	(55,173)	(114,691)	(88,906)	(168,573)
Nova América Agrícola Caarapó Ltda.	(67,958)	(105,413)	(52,112)	(72,780)
Nova América Agrícola Ltda.	(61,064)	(97,228)	(47,370)	(86,210)
Cosan Lubrificantes e Especialidades S.A.	(7,473)	(16,903)	(5,876)	(13,083)
Shell Energy do Brasil Ltda	(6,051)	(11,489)	(11,377)	(11,377)
Nova América Terras Ltda.	(4,696)	(6,717)	(3,182)	(5,593)
Agroterenas S.A. Terra	(3,614)	(6,609)	(3,018)	(4,027)
Shell Brasil Petróleo	(480)	(4,954)	(1,330)	(4,802)
Palermo Agrícola S.A.	(1,048)	(2,576)	(1,194)	(2,934)
Other	(13)	(20)	(4,247)	(4,568)
	(1,600,221)	(2,805,001)	(778,777)	(1,766,033)
Renewed collection of shared expenses (1)				
Raízen Combustíveis S.A. and its subsidiaries	33,597	67,613	33,449	66,458
Rumo Group (i)	8,533	16,408	6,534	13,269
Comgás -Companhia de Gás de São Paulo	7,319	14,518	9,495	18,176
Cosan Lubrificantes e Especialidades S.A.	1,644	3,420	1,452	3,016
Cosan S.A.	504	1,369	411	1,133
Other	1,136	2,266	1,045	2,150
	52,733	105,594	52,386	104,202
Land leases (2)				
Radar group (iii)	-	-	(17,694)	(35,585)
Janus Group	-	-	(6,896)	(14,983)
Tellus group	-	-	(5,702)	(11,204)
Aguassanta Group (ii)	-	-	(3,074)	(5,854)
Barrapar Participações S.A.	-	-	(5)	(20)
	-	-	(33,371)	(67,646)
Net financial income (3)				
Raízen Combustíveis S.A. and its subsidiaries	239,649	220,779	145,630	566,561
Nova América Agrícola Caarapó Ltda.	1,584	3,141	1,917	3,721
Shell Finance B.V.	-	-	336	2,384
Cosan S.A.	-	-	285	(2,196)
Tellus group	(1,750)	(3,413)	-	-
Janus Group	(2,523)	(5,161)	-	-
Aguassanta Group	(3,604)	(7,468)	-	-
Radar Group	(7,902)	(16,192)	-	-
Other	198	295	172	391
	225,652	191,981	148,340	570,861

(i) The term Rumo Group refers to the railway and port operations represented by the companies Rumo S.A., Elevações Portuárias S.A, Logispot Armazéns Gerais S.A., Rumo Malha Sul S.A., Rumo Malha Oeste S.A., Rumo Malha Paulista S.A., Rumo Malha Norte S.A., ALL América Latina Logística Rail Management, Portofer Transporte Ferroviário Ltda. and Brado Logística S.A.

(ii) The term Aguassanta group refers to land lease transactions for the planting of sugarcane with entities Aguassanta Agrícola Ltda., Aguassanta Participações S.A., Aguapar Agrícola Ltda., Palermo Agrícola S.A. and Vila Santa Empreendimentos Imobiliários Ltda.

(iii) The term Radar group refers to land lease transactions for the planting of sugarcane, and main entities in the group are Radar Propriedades Agrícolas S.A., Nova Agrícola Ponte Alta S.A., Nova Amaralina S.A., Terras da Ponte Alta, Nova Santa Barbara Agrícola S.A., Radar II Propriedades Agrícolas S.A., Vale da Ponte Alta S.A., Proud Participações S.A. and Bioinvestments Negócios S.A.

(1) Expenses incurred by shared corporate, management and operating costs reimbursed from related parties.

(2) Expenses incurred with land leased from related parties, outside Raízen Group.

(3) It mainly refers to charges produced by the as a way of administering financial resources, due the financial management of cash and Export prepayments.

(4) Transactions with related parties are entered into under reasonable and cumulative conditions, in line with those prevailing in the market or that the Company would contract with third parties.

c) Summary of shareholder Cosan's refundable and rechargeable balances

	Parent company		Consolidated	
	09/30/2019	**03/31/2019**	**09/30/2019**	**03/31/2019**
Current assets				
Other receivable (i)	57,269	55,053	67,512	64,807
	57,269	55,053	67,512	64,807
Non-current assets				
Judicial deposits (Note 19)	125,218	121,788	238,770	234,389
Other financial assets (Note 9)	93,795	89,916	93,795	89,916
Other receivable (i)	190,170	67,410	196,643	69,395
	409,183	279,114	529,208	393,700
Total assets	466,452	334,167	596,720	458,507
Current liabilities				
Taxes payable	8,445	8,442	9,577	10,876
Other payable (ii)	206,012	177,859	236,123	204,892
	214,457	186,301	245,700	215,768
Non-current liabilities				
Taxes payable (ii)	170,723	167,859	179,996	176,950
Provision for legal disputes (Note 19)	171,192	191,294	199,621	219,751
	341,915	359,153	379,617	396,701
Total liabilities	556,372	545,454	625,317	612,469

(i) Refer mainly to legal expenses receivable from the shareholder.

(ii) Refer mainly to tax credits to be reimbursed to shareholder.

d) Directors and members of the Board of Directors

Fixed and variable remuneration to key management personnel, including statutory officers and members of the Board of Directors that is recognized in income (loss) for the period is as follows:

	Apr-Sep/2019	Apr-Sep/2018
Regular remuneration	(27,870)	(27,082)
Bonuses and other variable remuneration	(22,478)	(17,837)
Total remuneration	(50,348)	(44,919)

The Company shares the corporate, managerial and operational structures and costs of its related party Raízen Combustíveis S.A. ("RCSA"). Key management personnel and other administrative jobs are performed mainly by employees of the Company. Accordingly, as of September 30, 2019, RCSA reimbursed to the Company throughout the shared structure, including key management personnel and other employees, the amount of R$ 25,166 (R$ 28,016 in the six-month period ended September 30, 2018).

e) Other significant information involving related parties

The Company is the guarantor of certain debts and derivative financial instruments of its subsidiaries and related party RCSA.

11. Investments

a) Parent company

				Investments (1)		Equity accounting result	
	Country	Business	Percentage of Interest	09/30/2019	03/31/2019	Apr-Sep/2019	Apr-Sep/2018
Book value							
Agrícola Ponte Alta Ltda.	Brazil	Ethanol trade	91.21%	886,125	836,221	49,904	29,847
Benálcool Açúcar e Álcool Ltda.	Brazil	Holding	100.00%	3,564	3,678	(114)	1,260
Centro de Tecnologia Canavieira S.A.	Brazil	R&D	19.04%	114,331	113,496	1,903	432
Raízen Caarapó Açúcar e Álcool Ltda.	Brazil	Sugar and ethanol plant	31.48%	236,410	227,637	8,773	3,210
Raízen Centroeste Açúcar e Álcool Ltda.	Brazil	Ethanol plant	47.37%	674,323	652,085	22,238	5,911
Logum Logística S.A.	Brazil	Logistics	30.00%	319,041	314,269	(13,198)	(13,277)
Raízen Araraquara Açúcar e Álcool Ltda. (3)	Brazil	Sugar and ethanol plant	99.99%	902,143	915,932	(13,794)	63,772
Raízen Fuels Finance S.A.	Luxembourg	Financing	100.00%	64,940	54,799	6,040	3,612
Raízen International Universal Corporation	British Virgin Islands	Ethanol and sugar trade	100.00%	47,435	28,485	20,637	-
Raízen and Wilmar Sugar PTE Ltd.	Singapore	Trading of sugar	50.00%	43,414	35,601	5,522	7,164
Raízen Energy Finance Ltd.	Cayman Islands	Financing	100.00%	40,784	38,161	1	-
Raízen Paraguaçu Ltda. (3)	Brazil	Sugar and ethanol plant	100.00%	983,722	955,494	28,268	(20)
Bionergia Barra Ltda.	Brazil	Cogeneration of energy	99.99%	930,626	747,890	182,704	198,742
Uniduto Logística S.A.	Brazil	Logistics	46.48%	49,446	48,709	(2,052)	(3,098)
Raízen-Geo Biogás S.A.	Brazil	Biogas plant	85.00%	19,297	21,887	(2,318)	(276)
Raízen Trading LLP	United Kingdom	Trading	100.00%	229,014	216,773	(3,540)	4,987
Subtotal				5,544,615	5,211,117	290,974	302,266
Investment goodwill (4)							
Benálcool Açúcar e Álcool Ltda.			100.00%	49,202	49,202	-	-
Raízen Araraquara Açúcar e Álcool Ltda.			99.99%	197,013	197,013	-	-
Raízen Tarumã Ltda.			100.00%	92,379	92,379	-	-
Uniduto Logística S.A.			46.48%	5,676	5,676	-	-
Centro de Tecnologia Canavieira S.A.			19.04%	45,514	45,514	-	-
At Na Ryballa Participações Ltda.			100.00%	5,400	5,400		
Subtotal				395,184	395,184	-	-
Total investments				5,939,799	5,606,301	290,974	302,266
Provision for negative equity in subsidiaries and associated companies (2)							
Raízen International Universal Corporation	British Virgin Islands	Ethanol and sugar trade	100.00%	-	-		12,821
Unimodal Ltda.	Brazil	Logistics	53.17%	(1,923)	(1,923)	-	-
Raízen-Geo Biogás S.A.	Brazil	Biogas plant	85.00%	-	-	(272)	(88)
Other	Brazil	-		(3)	(3)	-	-
Total provision for shareholders' deficit				(1,926)	(1,926)	(272)	12,733
						290,702	314,999

(1) Investments assessed under the equity method; (2) Classified in the non-current liabilities, under "Other obligations" caption; (3) As of September 30, 2019, balances of investments include a portion allocated to goodwill from merger of Curupay and acquisition of Usina Zanin in the amounts of R$ 91,339 and R$ 64,710 (Negative) (R$ 94,723 and R$ 62,933 (negative) as of March 31, 2019), respectively. Goodwill amortizations of said recognitions, classified in Parent company as equity in investees, totaled R$ 3,383 and R$ 1,777 (R$ 3,331 and R$ 1,849 on September 30, 2018), respectively; (4) Goodwill on the purchase of shares.

(b) Consolidated

				Investments (1)		Equity accounting result	
	Country	Business	Equity interest percentage	09/30/2019	03/31/2019	Apr-Sep/2019	Apr-Sep/2018
Book value							
Centro de Tecnologia Canavieira S.A.	Brazil	R&D	19.58%	117,580	116,717	1,957	443
Logum Logística S.A.	Brazil	Logistics	30.00%	319,041	314,269	(13,198)	(13,277)
Uniduto Logística S.A.	Brazil	Logistics	46.48%	49,446	48,709	(2,052)	(3,098)
Raízen and Wilmar Sugar Pte. Ltd.	Singapore	Trading	50.00%	43,414	35,601	5,522	7,165
Subtotal				529,481	515,296	(7,771)	(8,767)
Investment goodwill (2)							
Uniduto Logística S.A.			46.48%	5,676	5,676	-	-
Centro de Tecnologia Canavieira S.A.			19.58%	51,946	51,946	-	-
Subtotal				57,622	57,622	-	-
Total investments				587,103	572,918	(7,771)	(8,767)

(1) Investments assessed under the equity method; (2) Goodwill on the purchase of shares.

Movement in interest in subsidiaries and associated companies:

	Parent company	Consolidated
Balance at March 31, 2019	5,606,301	572,918
Equity accounting results	290,702	(7,771)
Additions to the investment (Note 11.d.i)	20,754	20,754
Dividends declared (Note 11.d.ii)	(1,034)	(1,034)
Effect of foreign currency translation - CTA	23,076	2,236
Balance at September 30, 2019	5,939,799	587,103

There are no cross-holdings between the parent company and the investees.

c) Summarized financial information of associated companies, considering adjustments to equity value, when applicable.

- September 30, 2019

	Logum Logística S.A. (1)/(2)	Uniduto Logística Ltda. (1)/(2)	Centro de Tecnologia Canavieira S.A. (2)/(4)	Iogen Energy Corporation (3)	Raízen and Wilmar Sugar PTE Ltd. (4)
Assets	2,211,959	106,389	800,686	36,996	579,049
Liabilities	(1,148,511)	(8)	(200,207)	(325,864)	(492,221)
Equity	1,063,448	106,381	600,479	(288,868)	86,828
Six-month period ended September 30, 2019					
Net operating revenue	82,617	-	93,212	-	68,562
Net income/(loss)	(44,012)	(4,415)	9,993	(1,120)	10,274
Six-month period ended September 30, 2018					
Net operating revenue	80,480	-	80,671	-	1,100,607
Net income/(loss)	(63,816)	(27)	2,265	(501)	14,756

- March 31, 2019

	Logum Logística S.A. (1)/(2)	Uniduto Logística Ltda. (1)/(2)	Centro de Tecnologia Canavieira S.A. (2)/(4)	Iogen Energy Corporation (3)	Raízen and Wilmar Sugar PTE Ltd. (4)
Assets	2,101,565	104,814	789,042	29,267	593,148
Liabilities	(1,054,003)	(7)	(192,949)	(296,033)	(521,946)
Equity	1,047,562	104,807	596,093	(266,766)	71,202

(1) The fiscal year of these investees ends on December 31;

(2) Significant influence over these companies has been defined, mainly, based on the Company's right to elect key management personnel and to decide on their significant operational and some strategic issues.

(3) Jointly controlled entity in which the Company interest is 50% in common shares, whose fiscal year ends on August 31. The Company did not form an estimated loss for equity in net income of subsidiaries, given that it has no legal or constructive obligations to make payments on account of that company.

(4) Year ended March 31, every year.

d) Transactions occurred up to September 30, 2019

i) Additions to investment

Capital increase in Logum Logística S.A. ("Logum")

During the six-month period ended September 30, 2019 capital increases by the Company were resolved, approved and subscribed totaling R$ 59,900. The sum underwritten by the Company in these transactions totaled R$ 17,970, fully paid-in in current account.

In these operations, there were no changes in the percentage of interest in capital of the investee, since all shareholders effected capital contributions in proportion to their existing holding.

Capital increases in Uniduto Logística S.A. ("Uniduto")

During the three-month period ended September 30, 2019 capital increases by the Company were resolved, approved and subscribed totaling R$ 5,990. The sum underwritten by the Company in these transactions totaled R$ 2,784, fully paid-in in current account.

In these operations, there were no changes in the percentage of interest in capital of the investee, since all shareholders effected capital contributions in proportion to their existing holding.

ii) Dividends declared

Based on the results for the year ended March 31, 2019, the investee Centro de Tecnologia Canavieira S.A. destined dividends to the Company in the amount of R$1,034.

12. Right of use

a) Parent company

	Land	Property	Aircrafts, crafts and Vehicles	Machinery and equipment	Industrial park	Total
Cost or evaluation:						
March 31, 2019	-	-	-	-	-	-
Initial adoption - IFRS 16 (CPC 06 (R2)) (Note 2.3.1)	3,110,010	47,174	122,603	168,029	84,012	3,531,828
April 1, 2019	3,110,010	47,174	122,603	168,029	84,012	3,531,828
Additions of new agreements - without cash effect	410,685	657	54,215	21,098	-	486,655
Write-off of agreements - without cash effect	(100,605)	(729)	-	-	-	(101,334)
Remeasurement of agreements - without cash effect	217,887	3,826	(9,484)	2,148	5,342	219,719
September 30, 2019	3,637,977	50,928	167,334	191,275	89,354	4,136,868
Amortization:						
March 31, 2019	-	-	-	-	-	-
Additions - with impacts on income (loss)	(377,701)	(6,042)	(28,181)	(24,703)	(3,613)	(440,240)
September 30, 2019	(377,701)	(6,042)	(28,181)	(24,703)	(3,613)	(440,240)
Net residual value:						
September 30, 2019	3,260,276	44,886	139,153	166,572	85,741	3,696,628
March 31, 2019	-	-	-	-	-	-

b) Consolidated

	Land	Property	Aircrafts, crafts and Vehicles	Machinery and equipment	Industrial park	Total
Cost or evaluation:						
March 31, 2019	-	-	-	-	-	-
Initial adoption - IFRS 16 (CPC 06 (R2)) (Note 2.3.1)	3,523,705	47,525	127,584	171,584	84,012	3,954,410
April 1, 2019	3,523,705	47,525	127,584	171,584	84,012	3,954,410
Additions of new agreements - without cash effect	431,025	720	56,381	25,355	-	513,481
Write-off of agreements – without cash effect	(102,632)	(729)	-	(417)	-	(103,778)
Remeasurement of agreements – without cash effect	274,539	3,823	(8,712)	2,217	5,341	277,208
September 30, 2019	4,126,637	51,339	175,253	198,739	89,353	4,641,321
Amortization:						
March 31, 2019	-	-	-	-	-	-
Additions - with impacts on income (loss)	(422,187)	(6,146)	(29,621)	(25,758)	(3,613)	(487,325)
Transfers	-	(12)	-	12	-	-
September 30, 2019	(422,187)	(6,158)	(29,621)	(25,746)	(3,613)	(487,325)
Net residual value:						
September 30, 2019	3,704,450	45,181	145,632	172,993	85,740	4,153,996
March 31, 2019	-	-	-	-	-	-

13. Property, plant and equipment

a) Parent company

	Lands and rural properties	Buildings and improvements	Machinery, equipment and facilities	Aircrafts, vessels and vehicles	Furniture, fixtures and IT equipment	Works in progress	Frequently replaced parts and accessories	Sugarcane planting	Other	Total
Cost:										
March 31, 2019	14,915	947,235	4,523,681	516,313	181,542	404,096	974,852	4,879,830	15,067	12,457,531
Additions	-	2,487	13,012	20	4	195,883	88,973	313,754	-	614,133
Write-offs	-	-	(23,739)	(18,255)	(376)	-	-	-	-	(42,370)
Transfers (1)	-	71,425	34,525	12,408	8,304	(142,790)	-	-	-	(16,128)
Estimated loss (2)	-	-	60	8	(75)	-	-	-	-	(7)
September 30, 2019	14,915	1,021,147	4,547,539	510,494	189,399	457,189	1,063,825	5,193,584	15,067	13,013,159
Accumulated depreciation:										
March 31, 2019	-	(284,621)	(1,737,225)	(253,399)	(110,549)	-	(504,671)	(3,457,721)	(15,039)	(6,363,225)
Depreciation expense in the period	-	(18,614)	(168,200)	(23,627)	(11,093)	-	(420,292)	(284,636)	(28)	(926,490)
Write-offs	-	-	10,927	13,733	321	-	-	-	-	24,981
Transfers (1)	-	(33)	427	(40)	(192)	-	-	-	-	162
September 30, 2019	-	(303,268)	(1,894,071)	(263,333)	(121,513)	-	(924,963)	(3,742,357)	(15,067)	(7,264,572)
Net residual value:										
September 30, 2019	14,915	717,879	2,653,468	247,161	67,886	457,189	138,862	1,451,227	-	5,748,587
March 31, 2019	14,915	662,614	2,786,456	262,914	70,993	404,096	470,181	1,422,109	28	6,094,306

(1) Relates to the transfers between classes of property, plant and equipment and of intangible assets.
(2) Refers to net (formation) of estimated loss in fixed assets, recognized in income (loss) for the period under "Other operating revenues (expenses), net" caption (Note 25).

b) Consolidated

	Lands and rural properties	Buildings and improvements	Machinery, equipment and facilities	Aircrafts, vessels and vehicles	Furniture, fixtures and IT equipment	Works in progress	Frequently replaced parts and accessories	Sugarcane planting	Other	Total
Cost:										
March 31, 2019	37,926	1,652,746	8,886,064	589,610	219,648	581,696	1,245,183	5,638,387	30,367	18,881,627
Additions	-	2,582	16,836	22	37	287,139	113,830	351,500	-	771,946
Write-offs	-	-	(27,909)	(22,662)	(375)	-	-	-	-	(50,946)
Transfers (1)	-	71,911	48,828	10,630	8,134	(155,746)	-	-	-	(16,243)
Estimated loss (2)	-	-	140	115	(78)	-	-	-	-	177
Other	-	-	-	-	150	-	-	-	-	150
	37,926	1,727,239	8,923,959	577,715	227,516	713,089	1,359,013	5,989,887	30,367	19,586,711
September 30, 2019										
Accumulated depreciation:										
March 31, 2019	-	(453,669)	(3,422,620)	(296,606)	(133,140)	-	(648,027)	(4,056,632)	(24,662)	(9,035,356)
Depreciation expense in the period	-	(30,189)	(314,558)	(27,272)	(13,203)	-	(533,115)	(316,016)	(1,210)	(1,235,563)
Write-offs	-	-	14,221	18,633	320	-	-	-	-	33,174
Transfers (1)	-	(32)	421	(40)	(183)	-	-	-	-	166
September 30, 2019	-	(483,890)	(3,722,536)	(305,285)	(146,206)	-	(1,181,142)	(4,372,648)	(25,872)	(10,237,579)
Net residual value:										
September 30, 2019	37,926	1,243,349	5,201,423	272,430	81,310	713,089	177,871	1,617,239	4,495	9,349,132
March 31, 2019	37,926	1,199,077	5,463,444	293,004	86,508	581,696	597,156	1,581,755	5,705	9,846,271

(1) Relates to the transfers between classes of property, plant and equipment and of intangible assets.
(2) Refers to net (formation) of estimated loss in fixed assets, recognized in income (loss) for the period under "Other operating revenue (expenses), net" caption (Note 25).

Borrowing cost capitalization

In the three-month period ended September 30, 2019, loan costs capitalized in parent company and Consolidated reached R$ 14,591 and R$ 18,118 (R$ 11,975 and R$ 16,576 in the six-month period ended September 30, 2018), respectively. The annual weighted average rates of debt finance charges for the Parent Company and Consolidated, used for capitalization of interest in the balance of construction in progress were 7.09% and 6.99% as of September 30, 2019 (6.97% and 7.38% as of September 30, 2018), respectively.

14. Intangible assets

a) Parent company

	Software license	Goodwill	Agricultural Partnership Agreements	Sugarcane supply agreements	Technology	Total
Cost or evaluation:						
March 31, 2019	238,763	1,639,811	18,411	26,011	185,136	2,108,132
Additions	391	-	-	-	-	391
Transfers (1)	16,128	-	-	-	-	16,128
September 30, 2019	255,282	1,639,811	18,411	26,011	185,136	2,124,651
Accumulated amortization:						
March 31, 2019	(158,435)	(368,026)	(18,411)	(18,762)	(72,334)	(635,968)
Amortization expense in the period	(14,959)	-	599	(1,625)	(8,422)	(24,407)
Transfers (1)	(162)	-	-	-	-	(162)
September 30, 2019	(173,556)	(368,026)	(17,812)	(20,387)	(80,756)	(660,537)
Net residual value:						
September 30, 2019	81,726	1,271,785	599	5,624	104,380	1,464,114
March 31, 2019	80,328	1,271,785	-	7,249	112,802	1,472,164

(1) Relates to the transfers between classes of property, plant and equipment and of intangible assets.

b) Consolidated

	Software license	Goodwill	Agricultural Partnership Agreements	Sugarcane supply agreements	Contractual relationships with clients	Public concession rights of use	Technology	Other	Total
Cost or evaluation:									
March 31, 2019	259,753	1,978,730	18,411	181,516	16,196	12,541	185,136	26,111	2,678,394
Additions	392	-	-	-	-	-	-	-	392
Transfers (1)	16,243	-	-	-	-	-	-	-	16,243
Other	-	-	-	-	-	-	-	622	622
September 30, 2019	276,388	1,978,730	18,411	181,516	16,196	12,541	185,136	26,733	2,695,651
Accumulated amortization:									
March 31, 2019	(178,901)	(431,380)	(18,411)	(101,912)	-	(12,541)	(72,332)	(21,206)	(836,683)
Amortization expense in the period	(15,091)	-	599	(5,945)	(882)	-	(8,424)	-	(29,743)
Transfers (1)	(166)	-	-	-	-	-	-	-	(166)
September 30, 2019	(194,158)	(431,380)	(17,812)	(107,857)	(882)	(12,541)	(80,756)	(21,206)	(866,592)
Net residual value:									
September 30, 2019	82,230	1,547,350	599	73,659	15,314	-	104,380	5,527	1,829,059
March 31, 2019	80,852	1,547,350	-	79,604	16,196	-	112,804	4,905	1,841,711

(1) Relates to the transfers between classes of property, plant and equipment and of intangible assets.

15. Suppliers

	Parent company		Consolidated	
	09/30/2019	03/31/2019	09/30/2019	03/31/2019
Materials and services	130,985	437,626	1,797,824	2,029,805
Sugarcane	826,748	182,925	1,012,490	231,161
Suppliers - Agreement	131,375	130,896	2,197,387	1,928,397
	1,089,108	751,447	5,007,701	4,189,363
Domestic (domestic currency)	1,086,655	748,721	1,809,475	1,310,441
Abroad (foreign currency) (Note 27.d)	2,453	2,726	3,198,226	2,878,922
	1,089,108	751,447	5,007,701	4,189,363

The suppliers' characteristics are the same as those disclosed in the annual financial statements of March 31, 2019 (Note 13), no change has occurred in the recognition procedures, measurement and accounting records, as well as significant changes in credit risk of counterparties involved in balances.

16. Loans and financing

			Finance charges Annual effective average interest rate		Parent company		Consolidated	
Description	**Final maturity**	**Index**	**09/30/2019**	**03/31/2019**	**09/30/2019**	**03/31/2019**	**09/30/2019**	**03/31/2019**
Classification of debts per currency:								
Denominated in Reais					6,258,260	5,314,078	7,225,788	6,318,396
Denominated in US Dollar and Euro (Note 27.d)					1,171,439	1,101,943	6,207,633	5,798,674
					7,429,699	6,416,021	13,433,421	12,117,070
Type of debts (1):								
BNDES	Mar 2024	URTJLP	8.07%	9.23%	25,020	29,916	26,187	31,217
BNDES	Aug 2030	Pre-fixed	3.84%	3.92%	276,762	336,657	464,582	565,752
BNDES	Apr 2024	UMBND	6.68%	6.68%	10,943	11,795	33,683	35,531
Debentures	Oct 2020	IPCA + interest	10.06%	10.52%	451,235	430,795	451,235	430,795
Export Prepayments (PPE)	Aug 2025	USD + *Libor*	3.45%	3.96%	1,171,439	1,101,943	1,363,343	1,299,758
Term Loan Agreement	Apr 2024	USD + *Libor*	3.37%	3.86%	-	-	1,906,028	1,755,952
Senior Notes Due 2027 (“Senior 2027’)	Jan 2027	Dollar (USA)	5.30%	5.30%	-	-	2,175,266	2,012,038
Resolution 2471 (PESA)	Apr 2023	IGP-M	9.00%	9.42%	414,169	564,690	437,017	594,381
PESA	Oct 2025	Pre-fixed	3.00%	3.00%	53	53	53	53
Credit Notes	Oct 2020	CDI	5.79%	6.86%	171,263	171,205	171,263	171,205
Finame/Leasing	Jan 2025	Pre-fixed	6.61%	6.59%	43,601	49,634	67,224	76,477
Finame/Leasing	Mar 2021	URTJLP	9.15%	10.32%	67	89	67	89
Rural credit	Apr 2020	Pre-fixed	6.05%	6.05%	381,614	370,389	381,614	370,389
Certificate of Agribusiness Receivables (CRA)	Jul 2029	CDI	5.31%	6.28%	2,586,344	2,353,003	3,036,158	2,804,834
Certificate of Agribusiness Receivables (CRA)	Jul 2029	IPCA + interest	7.93%	8.85%	1,897,189	995,853	2,156,704	1,237,673
Schuldschein	Oct 2021	Fixed - EUR	2.88%	2.88%	-	-	308,067	292,621
Schuldschein	Sep 2022	*Euribor*	1.79%	1.87%	-	-	454,930	438,304
					7,429,699	6,416,022	13,433,421	12,117,069
Expenses incurred with the placement of the securities:								
BNDES					(1,549)	(1,740)	(2,287)	(2,606)
Certificate of Agribusiness Receivables (CRA)					(35,871)	(21,313)	(35,871)	(21,313)
Debentures					(357)	(539)	(359)	(539)
Export Prepayments (PPE)					-	(13,481)	(143)	(13,642)
Term Loan Agreement					-	-	(476)	(574)
Senior notes due 2027					-	-	(1,422)	(1,419)
					(37,777)	(37,073)	(40,558)	(40,093)
					7,391,922	6,378,949	13,392,863	12,076,976
Current					(1,639,720)	(1,384,892)	(2,789,314)	(1,506,095)
Non-current					5,752,202	4,994,057	10,603,549	10,570,881

(1) Loans and financing are usually secured by Company's promissory notes. In certain cases, they also have collaterals from its subsidiaries and Raízen Combustíveis S.A., in addition to real guarantees such as: i) credit rights deriving from contracts for energy trading (BNDES); ii) CTN (note 9) and mortgage of land (PESA); iii) fixed assets (Note 13); and iv) financed assets pledged in guarantee (Finame).

Installments falling due in the long term, less the amortizations of expenses incurred with the placement of securities, have the following schedule:

Months:	09/30/2019	
	Parent	**Consolidate**
13–24	1,384,805	1,640,774
25–36	141,086	1,438,795
37–48	1,011,502	1,328,673
49–60	863,218	1,709,877
61–72	635,516	615,829
73–84	611,111	610,899
85–96	340,132	2,493,870
>97	764,832	764,832
	5,752,202	10,603,549

PESA

In the six-month period ended September 30, 2019, the Company offset PESA contracts in the amount of R$ 158,844 through redemptions of the CTNs, see Note 9.

CRA

Engagement	Issuer	Issue	Series	Maturity	Principal	Funding expenditures
Jul 2019	True Securitizadora S.A.	6th	1st	Jul 2029	228,190	5,656
Jul 2019	True Securitizadora S.A.	6th	2nd	Jul 2029	787,658	19,525

Covenants

The Company and its subsidiaries are not subject to comply with financial ratios, being subject only to certain covenants in loans and financing contracts, such as “cross-default” and “negative pledge”.

Fair value

On September 30, 2019, book value and fair value of loans are as follows:

						Parent company	
		Book value		Fair value (3)		Financial results (2)	
Description	Classification	09/30/2019	03/31/2019	09/30/2019	03/31/2019	09/30/2019	09/30/2018
PPE	Fair value through profit or loss	1,149,160	1,075,519	1,171,439	1,101,850	4,052	(26,690)
CRA	Fair value through profit or loss	1,322,069	1,083,990	1,405,091	1,085,943	(81,069)	18,455
		2,471,229	**2,159,509**	**2,576,530**	**2,187,793**	**(77,017)**	**(8,235)**

						Consolidated	
		Book value		Fair value (3)		Financial results (2)	
Description	Classification	09/30/2019	03/31/2019	09/30/2019	03/31/2019	09/30/2019	09/30/2018
Senior Notes Dues 2027 (1)	Fair value through profit or loss	526,107	492,213	578,683	535,822	(8,967)	(19,641)
PPE	Fair value through profit or loss	1,359,881	1,273,000	1,382,832	1,300,514	4,563	(28,306)
CRA	Fair value through profit or loss	1,563,431	1,231,236	1,664,605	1,237,673	(94,735)	30,726
Term Loan Agreement	Fair value through profit or loss	963,115	120,885	993,341	121,382	(29,729)	(5,658)
		4,412,534	**3,117,334**	**4,619,461**	**3,195,391**	**(128,868)**	**(22,879)**

(1) The fair value of *Senior* 2027 is based on the price quotation on the secondary market. On September 30, 2019, face value is 107.98% (102.41% on March 31, 2019).
(2) Refers to the impact of fair value on financial income, as shown in Note 26.
(3) These debts are presented plus fair value evaluation in the amount of R$ 105,301 and R$ 206,928 (R$ 8,034 and R$ 78,060 as of March 31, 2019) in Parent Company and Consolidated, respectively.

Other loans and financing do not have a value quoted, but the fair value is close to the book value due to their exposure to variable interest rates and insignificant changes in the Company's credit risk which may be accrued by comparing securities quoted and aforementioned.

Revolving Credit Facility

Raízen Fuels, a controlled subsidiary of Raízen Energia, has a revolving total credit facility of US$ 300,000, not used until the end of the interim financial information, as follows:

Beneficiary	Institution	Amount (US$)	Maturity
Raízen Fuels	Bank syndicate	300,000	April 2024

17. Lease liability

Movement in lease liabilities, during the six-month period ended September 30, 2019, is as follows:

	Parent company	Consolidated
Balance at March 31, 2019	-	-
Initial adoption - IFRS 16 (CPC 06 (R2)) (Note 2.3.1)	2,705,438	3,107,544
Balances at April 1, 2019	2,705,438	3,107,544
Addition of new agreements	466,163	492,988
Write-off of agreements	(80,671)	(81,897)
Payments	(394,613)	(438,390)
Updating	121,845	140,711
Remeasurement of the agreements	175,108	232,370
	2,993,270	3,453,326
Current	(650,885)	(731,074)
Non-current	2,342,385	2,722,252

18. Income tax and social contribution

a) Reconciliation of income and social contribution taxes expenses:

	Parent company			
	Jul-Sep/2019	**Apr-Sep/2019**	**Jul-Sep/2018**	**Apr-Sep/2018**
Loss before income tax and social contribution	(37,369)	(225,218)	(202,604)	(304,381)
Income tax and social contribution at nominal rate (34%)	12,705	76,574	68,885	103,490
Adjustments for calculation of effective rate:				
Exchange-rate change on investee abroad	3,446	-	3,395	18,256
Gifts, donations, class association	(293)	(544)	(263)	(537)
Taxation at universal basis related to investments abroad	(2,120)	(11,164)	5,078	(1,993)
Equity accounting result	74,774	98,837	46,057	107,100
Other	215	(137)	91	2,828
Income tax and social contribution (current and deferred)	88,727	163,566	123,243	229,144
Effective rate	237.43%	72.63%	60.83%	75.28%

	Consolidated			
	Jul-Sep/2019	**Apr-Sep/2019**	**Jul-Sep/2018**	**Apr-Sep/2018**
Income (loss) before income tax and social contribution	94,489	(48,712)	(163,883)	(227,427)
Income tax and social contribution at nominal rate (34%)	(32,127)	16,562	55,719	77,324
Adjustments for calculation of effective rate:				
Difference between deemed income and taxable income rates	11,887	18,249	22,678	31,230
Investment grants - ICMS	1,037	2,506	1,823	3,412
Exchange-rate change on investee abroad	3,446	-	3,396	18,257
Taxation at universal basis related to investments abroad	303	(4,178)	6,433	(12)
Equity accounting result	395	(2,642)	(2,505)	(2,983)
Credit with claims for damages	-	-	-	25,638
Other	195	(1,536)	4,849	7,179
(Current and deferred) income tax and social contribution (expense)	(14,864)	28,961	92,393	160,045
Effective rate	15.73%	59.45%	56.38%	70.37%

a.1) Recoverable income tax and social contribution

	Parent company		Consolidated	
	09/30/2019	**03/31/2019**	**09/30/2019**	**03/31/2019**
Taxes on income ("IRPJ")	572,508	614,791	612,949	660,464
Social contribution (CSLL)	141,059	160,714	153,230	172,068
	713,567	775,505	766,179	832,532
Current	(324,754)	(386,692)	(351,949)	(418,302)
Non-current	388,813	388,813	414,230	414,230

a.2) Income tax and social contribution payable

	Consolidated	
	09/30/2019	**03/31/2019**
IRPJ	43,211	19,467
CSLL	10,326	3,188
	53,537	22,655

b) Deferred income tax and social contribution in assets and liabilities:

b.1) Parent company

				09/30/2019	03/31/2019
	Basis	**IRPJ 25%**	**CSLL 9%**	**Total**	**Total**
Non-current assets (liabilities)					
Tax losses					
Tax losses	2,196,840	549,210	-	549,210	395,553
Negative basis for social contribution	2,130,456	-	191,741	191,741	139,563
Temporary differences:					
Provision for legal disputes	667,753	166,938	60,098	227,036	198,050
Exchange-rate change on the cash basis	841,582	210,396	75,742	286,138	225,799
Estimated loss for realization of assets	134,638	33,660	12,117	45,777	46,255
Remuneration and employee benefits	108,603	27,151	9,774	36,925	65,037
Lease liability	16,929	4,232	1,524	5,756	-
Sundry provisions and other temporary differences	507,747	126,937	45,697	172,634	74,255
Total deferred tax assets		1,118,524	396,693	1,515,217	1,144,512
Biological assets	(15,562)	(3,890)	(1,401)	(5,291)	(8,457)
Cost of capitalized loans	(134,279)	(33,570)	(12,085)	(45,655)	(44,427)
Capital gains	(119,709)	(29,927)	(10,774)	(40,701)	(40,701)
Result unrealized with derivatives	(514,924)	(128,731)	(46,343)	(175,074)	(64,001)
Fixed assets' useful life review	(959,850)	(239,962)	(86,387)	(326,349)	(309,665)
Amortized tax goodwill	(749,621)	(187,405)	(67,466)	(254,871)	(240,129)
Total deferred tax liabilities		(623,485)	(224,456)	(847,941)	(707,380)
Total deferred assets - Assets, net		495,039	172,237	667,276	437,132

b.2) Consolidated

				09/30/2019	03/31/2019
	Basis	**IRPJ 25%**	**CSLL 9%**	**Total**	**Total**
Non-current assets (liabilities)					
Tax losses					
Tax losses	2,303,924	575,981	-	575,981	426,429
Negative basis for social contribution	2,237,544	-	201,379	201,379	150,679
Temporary differences:					
Provision for legal disputes	764,185	191,046	68,777	259,823	224,868
Exchange-rate change on the cash basis	863,565	215,891	77,721	293,612	228,344
Provision on write-off of goodwill	166,656	41,664	14,999	56,663	56,663
Estimated loss for realization of assets	208,500	52,125	18,765	70,890	69,471
Remuneration and employee benefits	115,976	28,994	10,438	39,432	70,900
Lease liability	21,176	5,294	1,906	7,200	-
Sundry provisions and other temporary differences	661,121	165,278	59,501	224,779	101,744

Total deferred tax assets		1,276,273	453,486	1,729,759	1,329,098
Biological assets	(81,353)	(20,338)	(7,322)	(27,660)	(34,304)
Cost of capitalized loans	(243,559)	(60,890)	(21,920)	(82,810)	(83,082)
Capital gains	(119,709)	(29,927)	(10,774)	(40,701)	(40,701)
Result unrealized with derivatives	(709,959)	(177,490)	(63,896)	(241,386)	(66,558)
Fixed assets' useful life review	(1,908,550)	(477,137)	(171,770)	(648,907)	(599,591)
Fair value of the fixed asset	(223,438)	(55,860)	(20,109)	(75,969)	(79,235)
Amortized tax goodwill	(933,744)	(233,436)	(84,037)	(317,473)	(302,731)
Total deferred tax liabilities		(1,055,078)	(379,828)	(1,434,906)	(1,206,202)
Total deferred taxes		221,195	73,658	294,853	122,896
Deferred taxes - Assets, net				631,125	390,400
Deferred taxes - Liabilities, net				(336,272)	(267,504)
Total deferred taxes				294,853	122,896

b.3) Net movement in deferred taxes:

	Apr-Sep/2019	
	Parent company	**Consolidated**
Balance at the beginning of the period	437,132	122,896
Revenue in profit or loss	163,566	105,596
Deferred taxes on other comprehensive income (Note 27.e)	66,577	66,577
Other	-	(216)
Balance at end of the period	667,275	294,853

19. Provision for legal disputes and judicial deposits

Breakdown of legal disputes considered as probable loss

As of September 30 and March 31, 2019, the balances of lawsuits are as follows:

	Parent company		Consolidated	
	09/30/2019	**03/31/2019**	**09/30/2019**	**03/31/2019**
Tax	100,582	113,742	113,304	124,036
Civil	23,196	25,883	37,756	39,869
Labor	253,479	198,040	345,425	272,881
	377,257	337,665	496,485	436,786
Non-reimbursable legal disputes	206,065	146,371	296,864	217,035
Reimbursable legal claims (Note 10.c)	171,192	191,294	199,621	219,751

When Raízen was setup it was agreed that Cosan would reimburse the Company for legal disputes that were ongoing before its formation, thus, Company should reimburse Cosan regarding the judicial deposits made on the date before its formation. As of September 30 and March 31, 2019, balances of judicial deposits are as follows:

	Parent company		Consolidated	
	09/30/2019	**03/31/2019**	**09/30/2019**	**03/31/2019**
Tax	173,614	165,034	292,738	283,063
Civil	9,073	8,340	9,348	8,587
Labor	79,487	68,061	101,235	89,370
	262,174	241,435	403,321	381,020
Own judicial deposits	136,956	119,647	164,551	146,631
Refundable judicial deposits (Note 10.c)	125,218	121,788	238,770	234,389

i) Non-reimbursable legal disputes

	Parent company			
	Tax	**Civil**	**Labor**	**Total**
March 31, 2019	10,075	7,293	129,003	146,371
Provision in the period	964	1,673	83,589	86,226
Write-offs/reversals (i)	(386)	(4,514)	(33,244)	(38,144)
Payments	-	(741)	(13,430)	(14,171)
Inflation adjustment (ii)	-	272	25,511	25,783
September 30, 2019	10,653	3,983	191,429	206,065

(i) Includes the reversal of inflation adjustment in the amount of (R$ 12,844)) calculated at the income (loss) for the period under "Financial income" caption.
(ii) Recognized in the income (loss) for the period as financial income (loss).

	Consolidated			
	Tax	**Civil**	**Labor**	**Total**
March 31, 2019	18,749	14,763	183,523	217,035
Provision in the period	4,341	1,805	115,938	122,084
Write-offs/reversals (i)	(3,408)	(4,737)	(50,886)	(59,031)
Payments	-	(741)	(19,474)	(20,215)
Inflation adjustment (ii)	2,055	474	34,462	36,991
September 30, 2019	21,737	11,564	263,563	296,864

(i) Includes the reversal of inflation adjustment in the amount of (R$ 18,269), calculated at the income (loss) for the period under "Financial income" caption.
(ii) Recognized in the income (loss) for the period as financial income (loss).

ii) Reimbursable legal disputes (i)

	Parent company			
	Tax	**Civil**	**Labor**	**Total**
March 31, 2019	103,667	18,590	69,037	191,294
Provisioned in the period	374	1,862	6,982	9,218
Write-offs / reversals (ii)	(15,750)	(1,849)	(10,854)	(28,453)
Payments	-	(1,333)	(8,015)	(9,348)
Inflation adjustment	1,638	1,943	4,900	8,481
September 30, 2019	89,929	19,213	62,050	171,192

(i) The movement does not have and will never have effect on profit or loss, due to Company's right to reimbursement.

(ii) Includes the reversal of inflation adjustment in the amount of (R$ 20,474).

	Consolidated			
	Tax	**Civil**	**Labor**	**Total**
March 31, 2019	105,287	25,106	89,358	219,751
Provisioned in the period	375	2,317	7,599	10,291
Write-offs / reversals (ii)	(15,750)	(1,983)	(11,909)	(29,642)
Payments	-	(1,459)	(8,864)	(10,323)
Inflation adjustment	1,655	2,211	5,678	9,544
September 30, 2019	91,567	26,192	81,862	199,621

(i) The movement does not have and will never have effect on profit or loss, due to Company's right to reimbursement.

(ii) Includes the reversal of inflation adjustment in the amount of (R$ 21,375).

(iii) Total legal disputes

	Parent company			
	Tax	**Civil**	**Labor**	**Total**
March 31, 2019	113,742	25,883	198,040	337,665
Provisioned in the period	1,338	3,535	90,571	95,444
Write-offs/reversals	(16,136)	(6,363)	(44,098)	(66,597)
Payments	-	(2,074)	(21,445)	(23,519)
Inflation adjustment	1,638	2,215	30,411	34,264
September 30, 2019	100,582	23,196	253,479	377,257

	Consolidated			
	Tax	**Civil**	**Labor**	**Total**
March 31, 2019	124,036	39,869	272,881	436,786
Provisioned in the period	4,716	4,122	123,537	132,375
Write-offs/reversals	(19,158)	(6,720)	(62,795)	(88,673)
Payments	-	(2,200)	(28,338)	(30,538)
Inflation adjustment	3,710	2,685	40,140	46,535
September 30, 2019	113,304	37,756	345,425	496,485

a) Tax

	Parent company		Consolidated	
	09/30/2019	03/31/2019	09/30/2019	03/31/2019
Value-added tax on sales and services ("ICMS")	35,263	34,052	40,705	38,423
Excise tax ("IPI") (i)	43,516	58,515	43,516	58,798
Lawyers' fees	10,654	10,076	15,703	13,939
Other	11,149	11,099	13,380	12,876
	100,582	113,742	113,304	124,036
Non-reimbursable legal disputes	10,653	10,075	21,739	18,751
Reimbursable legal disputes	89,929	103,667	91,565	105,285

(i) IPI

In the six-month period ended September 30, 2019, the Company reversed the amount of R$ 15,561 in connection with lawsuit of IPI debits related to 95/96 Crops. These amounts are prescribed, which impairs the collection by the National Treasury Attorney's Office ("PGFN").

b) Civil and labor

The Company and its subsidiaries are parties to several civil lawsuits relating to (i) indemnification for material and pain and suffering, (ii) disputes on contracts, (iii) executions, (iv) collection, (v) rendering of accounts, (vi) possessory and (vii) public civil lawsuits related environment.

The Company and its subsidiaries are also parties to various labor lawsuits filed by former employees and employees of service providers who question, among others, payment of overtime, extra for night and dangerous work, rehiring to job position, return of amounts discounted on payroll such as confederation union dues, union dues, and others.

The following legal disputes were considered as possible loss and, thus, no provision for lawsuits demands has been recognized in the financial statements

a) Tax

	Parent company		Consolidated	
	09/30/2019	03/31/2019	09/30/2019	03/31/2019
ICMS	1,806,814	1,751,246	2,229,878	2,196,856
INSS	195,693	228,809	211,343	237,026
IPI	268,082	259,444	309,569	295,932
Income tax and Social contribution - IRPJ and CSLL	1,038,795	844,531	1,387,447	1,125,276
PIS and COFINS	1,628,308	1,558,184	1,732,625	1,646,768
Offsets with IPI credit - IN 67/98	114,937	113,974	136,373	135,215
MP 470 - Installment payment of debt	188,444	186,431	188,844	186,431
Other	227,360	200,343	334,150	283,956
	5,468,433	5,142,962	6,530,229	6,107,460
Non-reimbursable legal disputes	2,728,331	2,511,897	3,380,309	3,042,884
Reimbursable legal disputes	2,740,102	2,631,065	3,149,920	3,064,576

b) Civil and labor

	Parent company		Consolidated	
	09/30/2019	03/31/2019	09/30/2019	03/31/2019
Civil	477,730	441,983	745,257	752,219
Labor	176,534	238,079	215,470	291,156
	654,264	680,062	960,727	1,043,375
Non-reimbursable legal disputes	261,648	242,924	336,072	418,095
Reimbursable legal disputes	392,616	437,138	624,655	625,280

20. Commitments (Consolidated)

As mentioned in note 17 to financial statements of March 31, 2019, the Company has entered into commitments to purchase and lease agreements. During the six month period ended September 30, 2019 no significant changes in those commitments occurred.

21. Equity

a) Capital and capital reserve

As of September 30 and March 31, 2019, capital totals R$ 6,516,354. That caption does not include the balance of redeemable preferred shares - liability financial instruments in the amount of R$ 5,161 totaling R$ 6,511,193.

Capital is fully subscribed for and paid in and is represented as follows:

	Shareholders (shares in units)			
	Shell	CIP Cosan Investimentos e Participações S.A("CIP")	Cosan S.A.	Total
Common	3,621,641,599	3,621,641,599	-	7,243,283,198
Class-A preferred shares	-	-	1	1
Class-B preferred shares	-	-	133,242,457	133,242,457
Class-D preferred shares	100,000	-	-	100,000
Total on September 30, 2019 and March 31, 2019	3,621,741,599	3,621,641,599	133,242,458	7,376,625,656

b) Dividends

					September 30, 2019				
Company	Dividends	Year	Approval in AGE and/or AGOE	Nature and type of share	Impact in equity	Amounts paid	Recipient	Percentage	Payment date
RESA	Retained earnings	Mar/19	06/26/2019	Common	172,602	172,602	Shell / CIP	50% each	06/27/2019
RESA	Profit reserve	Mar/19	06/26/2019	Common	407,905	407,905	Shell / CIP	50% each	06/27/2019
WX	Retained earnings	Mar/19	07/31/2019	Common	7,051	9,898	Other	100%	08/19/2019
RESA	Retained earnings	Mar/19	08/20/2019	Common	-	7,164	Shell / CIP	50% each	08/30/2019
RESA	Retained earnings	Mar/19	09/25/2019	Common	124,123	124,123	Shell / CIP	50% each	09/27/2019
					711,681	721,692			

c) Equity valuation adjustments

	03/31/2018	Comprehensive income	09/30/2018	03/31/2019	Comprehensive income	09/30/2019
Effect of foreign currency translation	273	(17,729)	(17,456)	(2,475)	23,076	20,601
Actuarial losses from defined benefit plans	(11,513)	-	(11,513)	(12,526)	-	(12,526)
Net gain (loss) on derivative financial instruments - Hedge accounting	7,854	(375,466)	(367,612)	(213,800)	(129,237)	(343,037)
Total	(3,386)	(393,195)	(396,581)	(228,801)	(106,161)	(334,962)

d) Interest of non-controlling shareholders

Corresponds to interest of non-controlling shareholders of 26.59% on equity of subsidiary Unimodal Ltda. and 15% on equity of subsidiary Biogás and 30% on equity of subsidiary RWXE.

e) Earnings (Losses) per share

Basic and diluted:

	Jul-Sep/2019	Apr-Sep/2019	Jul-Sep/2018	Apr-Sep/2018
Numerator				
Net income (loss) for the period	51,358	(61,652)	(79,361)	(75,237)
Loss available to preferred shareholders	-	-	(1,417)	(2,833)
Income (loss) available to common shareholders	51,358	(61,652)	(80,778)	(78,070)
Denominator:				
Weighted average of outstanding common shares (in thousands)	7,243,283	7,243,283	7,243,283	7,243,283
Basic and diluted income (loss) per common share (reais per share)	0.007	(0.009)	(0.011)	(0.011)

The Company does not have outstanding common shares that could cause dilution or debt convertible in common shares. Thus, basic and diluted (loss) income per share are equivalent.

22. Net operating revenue

	Parent company			
	Jul-Sep/2019	Apr-Sep/2019	Jul-Sep/2018	Apr-Sep/2018
Gross revenue from sale of products and services	1,707,548	3,223,261	1,879,400	3,277,074
Sales taxes	(121,708)	(233,068)	(119,070)	(232,433)
Returns and cancellations	(3,760)	(6,916)	(2,585)	(4,619)
Commercial discounts	(209)	(623)	(216)	(438)
Net operating revenue	1,581,871	2,982,654	1,757,529	3,039,584

	Consolidated			
	Jul-Sep/2019	Apr-Sep/2019	Jul-Sep/2018	Apr-Sep/2018
Gross revenue from sale of products and services	8,106,015	14,520,964	5,842,698	10,178,412
Sales taxes	(389,991)	(711,080)	(383,194)	(619,920)
Returns and cancellations	(5,810)	(11,336)	(2,797)	(6,345)
Commercial discounts	(11,529)	(15,762)	(4,652)	(8,536)
Net operating revenue	7,698,685	13,782,786	5,452,055	9,543,611

The net operating revenue is segregated between the following components:

	Parent company			
	Jul-Sep/2019	Apr-Sep/2019	Jul-Sep/2018	Apr-Sep/2018
Net revenue from sale of products and services	1,549,307	2,919,002	1,817,269	3,130,807
Income (loss) from financial instruments designated as hedge accounting	21,865	50,136	(18,150)	(51,286)
Results from commodity financial instruments not designated as hedge accounting	10,699	13,516	(41,590)	(39,937)
Net operating revenue	1,581,871	2,982,654	1,757,529	3,039,584

	Consolidated			
	Jul-Sep/2019	**Apr-Sep/2019**	**Jul-Sep/2018**	**Apr-Sep/2018**
Net revenue from sale of products and services	7,581,492	13,583,539	5,505,931	9,628,971
Income (loss) from financial instruments designated as hedge accounting	21,865	50,136	(18,150)	(51,286)
Results from commodity financial instruments not designated as hedge accounting	95,328	149,111	(35,726)	(34,074)
Net operating revenue	7,698,685	13,782,786	5,452,055	9,543,611

23. Segment information

The Management of Raízen Energia defined the ethanol and sugar and bioenergy segment as the only operating segment, based on reports used by the President of the Company and the Board of Directors, which are the main operating and strategic decision makers. Evaluation and performance goals are defined and followed-up considering EAB segment as a whole.

The EAB segment covers the production and sale of ethanol and sugar generated from sugarcane processing, as well as the cogeneration of energy that is produced from the burning of the sugarcane bagasse.

Since the assets are also used to produce sugar, ethanol and bioenergy, there is no separate disclosure of these assets.

The Company follows-up net operating revenue from trading of its products in the domestic and foreign markets, as follows:

	Consolidated			
	Jul-Sep/2019	**Apr-Sep/2019**	**Jul-Sep/2018**	**Apr-Sep/2018**
Foreign market	2,149,396	3,189,517	1,585,314	2,517,756
Domestic market	5,549,289	10,593,269	3,866,741	7,025,855
Total	7,698,685	13,782,786	5,452,055	9,543,611

Detailing of net operating revenue per product is as follows:

	Consolidated			
	Jul-Sep/2019	**Apr-Sep/2019**	**Jul-Sep/2018**	**Apr-Sep/2018**
Ethanol	3,031,392	4,943,494	2,055,707	3,680,033
Diesel	1,825,319	3,562,227	1,042,232	2,164,922
Sugar	593,656	1,344,972	1,022,944	1,752,387
Energy	1,151,721	2,062,990	1,181,989	1,485,928
Gasoline	1,056,161	1,787,570	94,334	369,402
Other products and services	40,436	81,533	54,849	90,939
Total	7,698,685	13,782,786	5,452,055	9,543,611

Percentage of net operating revenue per geographic area is as follows:

	Consolidated			
	Jul-Sep/2019	**Apr-Sep/2019**	**Jul-Sep/2018**	**Apr-Sep/2018**
Brazil	72.01%	76.85%	71.78%	74.06%
North America	10.88%	4.93%	9.08%	6.45%
Asia	7.57%	8.04%	15.87%	16.77%
South America	7.12%	7.12%	0.00%	0.00%
Europe	2.41%	3.05%	3.14%	2.49%
Other (1)	0.01%	0.01%	0.13%	0.23%
Total	100.00%	100.00%	100.00%	100.00%

(1) South America (except Brazil), Africa and Oceania.

During six-month periods ended September 30, 2019, main EAB clients, which individually represented 5% or more of the Company's total revenues, are as follows:

	Consolidated			
Client	**Jul-Sep/2019**	**Apr-Sep/2019**	**Jul-Sep/2018**	**Apr-Sep/2018**
Raízen Combustíveis S.A.	32.57%	29.60%	22.82%	26.65%
Petrobrás Distribuidora S.A	6.73%	6.67%	5.13%	9.72%

24. Costs and expenses by nature

Reconciliation of costs and expenses by nature

Costs and expenses are shown in the income (loss) by function. The reconciliation of results by nature for the six-month periods ended September 30, 2019 and 2018 is detailed as follows:

a) Costs and expenses by nature:

	Parent company			
	Jul-Sep/2019	**Apr-Sep/2019**	**Jul-Sep/2018**	**Apr-Sep/2018**
Depreciation and amortization	(516,212)	(969,820)	(447,882)	(745,064)
Raw material	(451,744)	(965,391)	(552,755)	(1,068,799)
Personnel expenses	(185,075)	(350,204)	(222,876)	(378,313)
Cutting, loading and transportation (CCT)	(125,683)	(261,433)	(197,572)	(334,091)
Maintenance materials	(56,736)	(103,284)	(66,283)	(107,641)
Purchase of fuel	(55,005)	(93,019)	(48,627)	(87,899)
Outsourced labor	(44,023)	(91,747)	(57,272)	(98,783)
Change in fair value of biological assets	(139,223)	(70,453)	(69,331)	(49,835)
Realization of fair value of biological assets	38,005	61,146	(68,745)	(137,425)
Other expenses	(110,251)	(218,274)	(230,388)	(379,915)
	(1,645,947)	(3,062,479)	(1,961,731)	(3,387,765)

	Consolidated			
	Jul-Sep/2019	**Apr-Sep/2019**	**Jul-Sep/2018**	**Apr-Sep/2018**
Purchase of fuel (1)	(2,939,499)	(5,404,091)	(1,137,380)	(2,538,808)
Raw material	(2,150,692)	(3,807,233)	(1,679,467)	(3,156,286)
Resale of energy (2)	(730,217)	(1,451,838)	(837,681)	(960,613)
Depreciation and amortization	(686,612)	(1,265,529)	(574,587)	(972,418)
Personnel expenses	(279,830)	(522,521)	(312,792)	(546,467)
Cutting, loading and transportation (CCT)	(193,975)	(364,191)	(257,224)	(428,808)
Maintenance materials	(76,511)	(135,537)	(53,921)	(94,386)
Outsourced labor	(51,928)	(105,061)	(63,532)	(109,757)
Change in fair value of biological assets	(124,932)	(41,646)	(66,613)	(23,790)
Realization of fair value of biological assets	18,879	22,099	(95,723)	(195,235)
Other expenses	(285,496)	(404,911)	(414,468)	(567,486)
	(7,500,813)	(13,480,459)	(5,493,388)	(9,594,054)

(1) The increase in the costs of resales of Diesel and Gasoline is mainly due to a higher volume of these products sold at Raízen Trading.
(2) The increase in the cost of resale of electricity is mainly due to the increase in sales volume as a result of the acquisition of WX. For further details, see Note 27.ii of the financial statements as of March 31, 2019.

b) Classified as:

	Parent company			
	Jul-Sep/2019	**Apr-Sep/2019**	**Jul-Sep/2018**	**Apr-Sep/2018**
Cost of products sold and services rendered	(1,374,072)	(2,542,074)	(1,638,199)	(2,804,571)
Sales expenses	(151,294)	(291,561)	(197,612)	(346,601)
General and administrative expenses	(120,581)	(228,844)	(125,920)	(236,593)
	(1,645,947)	(3,062,479)	(1,961,731)	(3,387,765)

	Consolidated			
	Jul-Sep/2019	**Apr-Sep/2019**	**Jul-Sep/2018**	**Apr-Sep/2018**
Cost of products sold and services rendered	(7,124,617)	(12,788,360)	(5,074,152)	(8,843,057)
Sales expenses	(209,861)	(382,071)	(255,646)	(440,598)
General and administrative expenses	(166,335)	(310,028)	(163,590)	(310,399)
	(7,500,813)	(13,480,459)	(5,493,388)	(9,594,054)

25. Other operating revenues (expenses), net

	Parent company			
	Jul-Sep/2019	Apr-Sep/2019	Jul-Sep/2018	Apr-Sep/2018
Net recognition of extemporary tax credits (debts) (1)	42,947	43,029	(2,319)	(2,316)
Revenue from sales of scrap and waste	2,611	5,594	2,492	4,701
Results from commercial operations	972	24,575	(683)	(4,767)
Net (formation) reversal of estimated loss in fixed assets (Note 13)	195	(7)	(2,106)	(1,828)
Net formation of provision for legal disputes and contingencies	(21,460)	(48,069)	(11,278)	(22,147)
Other	2,850	21,247	11,012	11,732
	28,115	46,369	(2,882)	(14,625)

(1) As of September 30, 2019, this refers substantially to the exclusion of ICMS from the PIS and COFINS tax basis. For further details, see Note 8.

	Consolidated			
	Jul-Sep/2019	Apr-Sep/2019	Jul-Sep/2018	Apr-Sep/2018
Net recognition of extemporaneous deferred tax assets, net (1)	99,240	99,323	768	972
Results from commercial operations	9,277	26,097	2,706	(217)
Revenue from sales of scrap and waste	3,018	6,682	3,186	6,093
Net (formation) reversal of estimated loss in fixed assets (Note 13)	250	177	(2,295)	(1,923)
Credits from indemnity suits	-	-	-	75,406
Net formation of provision for legal disputes and contingencies	(27,317)	(62,681)	(18,965)	(35,167)
Other	2,518	20,625	12,030	12,868
	86,986	90,223	(2,570)	58,032

(1) As of September 30, 2019, this refers substantially to the exclusion of ICMS from the PIS and COFINS tax basis. For further details, see Note 8.

26. Financial results

	Parent company			
	Jul-Sep/2019	**Apr-Sep/2019**	**Jul-Sep/2018**	**Apr-Sep/2018**
Financial expenses				
Interest	(254,365)	(490,281)	(148,178)	(291,372)
Holding loss	(11,836)	(37,573)	(34,080)	(80,913)
PIS and COFINS on financial revenues	(4,277)	(7,172)	(4,001)	(7,786)
Other	(9,457)	(25,194)	(9,581)	(21,214)
	(279,935)	(560,220)	(195,840)	(401,285)
Fair value of financial instruments (liabilities) (Notes 10 and 16)	(8,760)	(115,711)	(51,040)	(33,534)
Less: amounts capitalized on qualifying assets (Note 13)	7,532	14,591	5,306	11,975
	(281,163)	(661,340)	(241,574)	(422,844)
Financial revenues				
Interest	43,563	86,757	51,135	95,854
Yields from financial investments	4,439	9,471	4,490	6,830
Holding gain	4,314	12,412	22,390	52,730
Other	2	9	-	-
	52,318	108,649	78,015	155,414
Net exchange-rate change(1)	(139,167)	(114,038)	(34,570)	(140,447)
Net effect of the derivatives(2)	146,679	184,265	67,144	151,303
	(221,333)	(482,464)	(130,985)	(256,574)

	Consolidated			
	Jul-Sep/2019	**Apr-Sep/2019**	**Jul-Sep/2018**	**Apr-Sep/2018**
Financial expenses				
Interest	(290,696)	(573,496)	(194,186)	(376,115)
Holding loss	(14,620)	(43,403)	(39,006)	(94,159)
PIS and COFINS on financial revenues	(7,099)	(12,298)	(6,171)	(12,603)
Other	(8,926)	(25,187)	(10,086)	(51,709)
	(321,341)	(654,384)	(249,449)	(534,586)
Fair value of liability financial instruments (Note 16)	(11,925)	(128,868)	(53,246)	(22,879)
Less: amounts capitalized on qualifying assets (Note 13)	10,069	18,118	6,676	16,576
	(323,197)	(765,134)	(296,019)	(540,889)
Financial revenues				
Interest	90,899	181,428	103,920	216,162
Yields from financial investments	15,817	39,062	16,829	44,864
Holding gain	4,539	13,066	22,913	53,928
Other	2	11	-	-
	111,257	233,567	143,662	314,954
Net exchange-rate change(1)	(152,702)	(125,435)	(44,947)	(186,413)
Net effect of the derivatives(2)	173,097	223,511	84,689	186,099
	(191,545)	(433,491)	(112,615)	(226,249)

(1) Includes foreign exchange, net losses on assets and liabilities denominated in foreign currency; and

(2) Includes realized and unrealized income (loss) with futures, options, swaps and NDFs and other derivatives.

27. Financial instruments

a) Overview

The Company presents exposure to the following risks deriving from its operations, which are equalized and managed with the use of certain financial instruments:

- price risk
- Foreign exchange rate risk
- interest rate risk
- credit risk
- liquidity risk

This note presents information on the Company's exposure to each one of the abovementioned risks, the Company's goals, policies and processes for the risk measurement and management, and the Company's capital management.

b) Risk management structure

The Company has specific treasury and trading policies that set how risk management must be performed. The Company has two main committees to monitor activities and ensure policy compliance: (i) A risk committee whose members gather weekly to analyze the behavior of commodity (sugar, ethanol and oil by-products) and foreign exchange markets and decide on coverage positions and the strategy to fix the prices of exports and imports to reduce the adverse effects of changes in prices and foreign exchange rate. (ii) An ethanol committee whose members gather monthly to assess the risks posed by the sale of ethanol and to comply with the limits set on risk policies; as well as to follow-up the liquidity risks and counterparty (credit); (iii) Committee on electric power, which meets on a weekly basis to evaluate risks related to trading of electric power and adequacy to limits defined in risk policies.

The Company and its subsidiaries are exposed to market risks, and main ones are: (i) fluctuations in sugar, by-products, ethanol and electricity prices; (ii) fluctuations in foreign exchange rates; and, (iii) fluctuations in interest rates. The purchases of financial instruments for hedging purposes are made according to an analysis of the risk exposure that Management intends to cover.

As of September 30 and March 31, 2019, the fair values of transactions with derivative financial instruments for hedging and other purposes were measured at fair value determined according to observable data, such as prices quoted in active markets or discounted cash flows according to market curves and are presented below:

	Parent company				Consolidated			
	Notional		Fair value		Notional		Fair value	
	09/30/2019	03/31/2019	09/30/2019	03/31/2019	09/30/2019	03/31/2019	09/30/2019	03/31/2019
Price risk								
Commodity derivatives								
Futures and options contracts	742,903	1,862,471	274,740	125,859	679,803	(8,012,282)	407,893	129,046
	742,903	1,862,471	274,740	125,859	679,803	(8,012,282)	407,893	129,046
Foreign exchange rate risk								
Foreign exchange rate derivatives								
Futures contracts	467,454	(178,274)	(350)	551	467,454	(178,274)	(350)	551
Forward contracts	10,094,505	5,845,635	8,086	(108,964)	10,094,505	5,845,635	8,086	(108,964)
FX swap	(6,248,350)	(1,375,224)	32,615	60,687	(4,845,530)	(1,561,966)	48,826	64,107
	4,313,609	4,292,137	40,351	(47,726)	5,716,429	4,105,395	56,562	(44,306)
Interest rate risk								
Interest derivatives	(1,238,161)	(1,740,015)	169,185	81,881	(1,453,019)	(1,153,019)	223,304	120,624
	(1,238,161)	(1,740,015)	169,185	81,881	(1,453,019)	(1,153,019)	223,304	120,624
Total			484,276	160,014			687,759	205,364
Current assets			544,426	239,512			1,301,403	788,279
Non-current assets			685,890	514,076			862,599	562,684
Total assets			1,230,316	753,588			2,164,002	1,350,963
Current liabilities			(148,376)	(227,548)			(850,944)	(766,549)
Non-current liabilities			(597,664)	(366,026)			(625,299)	(379,050)
Total liabilities			(746,040)	(593,574)			(1,476,243)	(1,145,599)

c) Price risk

Price risks result from the possibility of fluctuations in the market prices of the products sold by the Company and its subsidiaries, mainly VHP sugar (sugar #11), refined sugar (sugar #5 or white sugar), ethanol, electric power and oil by-products. These price fluctuations may cause substantial alterations in the sales revenues of the Company. To mitigate these risks, the Company permanently monitors markets, seeking to anticipate price changes. In the table below we show the positions of derivative financial instruments to cover the risk of fluctuations in commodity prices, outstanding as of September 30, 2019:

							Consolidated
					Price risk: commodity derivatives, outstanding as of September 30, 2019		
Derivatives	**Purchased / Sold**	**Market**	**Contract**	**Maturity**	**Notional (units)**	**Notional (R$ thousand)**	**Fair value (R$ thousand)**
Future	Sold	NYSE LIFFE	Sugar#5	nov-19	7,850 t	10,356	(329)
Future	Sold	ICE	Sugar#11	feb/20-feb/21	3,139,131 t	3,939,907	230,682
Options	Sold	ICE	Sugar#11	feb/20-feb/21	502,334 t	27,210	(24,068)
Sub-total sugar future sold					3,649,315 t	3,977,473	206,285
Future	Purchased	NYSE LIFFE	Sugar#5	nov/19-feb/20	(7,100) t	(9,326)	284
Future	Purchased	ICE	Sugar#11	feb/20-apr/21	(1,630,757) t	(1,961,363)	(65,144)
Options	Purchased	ICE	Sugar#11	feb/20-apr/21	(527,735) t	(30,085)	34,088
Sub-total sugar future bought					(2,165,592) t	(2,000,774)	(30,772)
Subtotal sugar future					1,483,723 t	1,976,699	175,513
Future	Sold	B3	Ethanol	oct-19	7,050 m³	52,377	(27)
Future	Sold	CME	Ethanol	oct/19-sep/20	732,740 m³	1,769,546	(40,778)
Future	Sold	OTC	Ethanol	oct/19-jun/20	1,364,150 m³	642,643	(69,201)
Options	Sold	OTC	Ethanol	oct/19-dec/19	35,000 m³	1,727	1,018
Sub-total ethanol future sold					2,138,940 m³	2,466,293	(108,988)
Future	Purchased	B3	Ethanol	oct-19	(8,610) m³	(66,625)	43
Future	Purchased	CME	Ethanol	oct/19-jun/20	(862,640) m³	(2,098,242)	40,645
Future	Purchased	OTC	Ethanol	oct/19-jun/20	(905,398) m³	(399,790)	43,113
Option	Purchased	CME	Ethanol	oct/19-dec/19	(37,000) m³	(1,873)	(1,270)
Sub-total ethanol future bought					(1,813,648) m³	(2,566,530)	82,531
Physical fixed	Sold	CHGOETHNL	Ethanol	oct/19-oct/20	274,803 m³	492,494	(22,901)
Sub-total physical fixed ethanol sold					274,803 m³	492,494	(22,901)
Physical fixed	Purchased	CHGOETHNL	Ethanol	oct/19-oct/20	(1,213,053) m³	(2,279,577)	70,867
Sub-total physical fixed ethanol bought					(1,213,053) m³	(2,279,577)	70,867
Sub-total ethanol future					(612,958)	(1,887,320)	21,509
Future	Sold	NYMEX	Gasoline	oct/19-nov/20	1,254,510 m³	2,263,956	84,708
Future	Sold	ICE	Gasoline	oct/19-dec/20	263,145 m³	411,130	107,617
Option	Sold	OTC	Gasoline	oct/19-nov/19	24,645 m³	451	399
Option	Sold	ICE	Gasoline	oct/19-mar/20	155,502 m³	(194,265)	25,374
Subtotal future gasoline sold					1,697,802	2,481,272	218,098
Future	Purchased	NYMEX	Gasoline	oct/19-abr/21	(875,454) m³	(1,578,329)	(1,392)
Future	Purchased	ICE	Gasoline	oct/19-dec/20	(265,530) m³	(413,109)	(106,220)
Option	Purchased	ICE	Gasoline	oct/19-dec/19	(50,880) m³	(1,643)	(1,522)
Subtotal future gasoline bought					(1,191,864)	(1,993,081)	(109,134)
Subtotal future gasoline					505,938	488,191	108,964
Physical fixed	Sold	CCEE/OTC	Energy	oct/19-dec/26	10,411,828 mhw	2,288,707	146,268
Sub-total physical fixed electric power sold					10,411,828 mhw	2,288,707	146,268
Physical fixed	Purchased	CCEE/OTC	Energy	oct/19-dec/26	(10,411,828) mhw	(2,186,474)	(44,361)

Sub-total physical fixed electric power bought	(10,411,828)	mwh	(2,186,474)	(44,361)
Sub-total physical fixed electric power	-		102,233	101,907
Net exposure of commodity derivatives as of September 30, 2019			679,803	407,893
Net exposure of commodity derivatives as of March 31, 2019			(8,012,282)	129,046

d) Foreign exchange rate risk

Foreign exchange rate risks arise from the possibility of fluctuations in the exchange rates used by the Company for export revenues, imports, financing cash flows and other foreign currency assets and liabilities. The Company uses derivative transactions to manage cash flow risks resulting from export revenues denominated in US dollars, net of other cash flows also denominated in foreign currency. The table below shows the positions for derivative financial instruments used to cover exchange rate risks:

							Consolidated
					Price risk: outstanding foreign exchange derivatives as of september 30, 2019		
Derivatives	**Purchased / Sold**	**Market**	**Contract**	**Maturity**	**Notional (US$ thou.)**	**Notional (R$ thousand)**	**Fair value (R$ thousand)**
Future	Sold	B3	Trade dollar	oct/19-nov/19	519,250	2,162,365	(3,008)
Subtotal future sold					519,250	2,162,365	(3,008)
Future	Purchased	B3	Trade dollar	oct/19-nov/19	(407,000)	(1,694,911)	2,658
Subtotal future bought					(407,000)	(1,694,911)	2,658
Term	Sold	OTC/Cetip	*NDF*	oct/19-nov/19	2,963,700	12,342,032	(5,355)
Term	Purchased	OTC/Cetip	*NDF*	oct-19	(539,700)	(2,247,527)	13,441
Subtotal term bought/sold					2,424,000	10,094,505	8,086
FX swap	Sold	OTC	FX swap	oct/21-jan/27	456,000	1,898,966	(563,987)
FX swap	Purchased	OTC	FX swap	apr/20-jan/27	(1,619,560)	(6,744,496)	612,813
Subtotal of swap					(1,163,560)	(4,845,530)	48,826
Net exposure of foreign exchange derivatives as of September 30, 2019					1,372,690	5,716,429	56,562
Net exposure of foreign exchange derivatives as of March 31, 2019					1,073,557	4,105,395	(44,306)

As of September 30 and March 31, 2019, the summary of quantitative data on Company's foreign exchange risk exposure was as follows:

	Consolidated	
		09/30/2019
	R$	US$ (in thousands)
Cash and cash equivalents (Note 3)	2,543,254	610,713
Restricted cash (Note 4)	90,555	21,745
Accounts receivable - Abroad (Note 5)	376,616	90,437
Related parties (Note 10)	3,898,286	936,098
Suppliers (note 15)	(3,198,226)	(767,992)
Loans and financing (Note 16)	(6,207,633)	(1,490,643)
Derivatives (Note 27.d) (*)	-	(1,372,690)
Net foreign exchange exposure	(2,497,148)	(1,972,332)
Derivatives settled in the month following the closing (**)		1,091,750
Net foreign exchange exposure as of September 30, 2019 (***)		(880,582)
Net foreign exchange exposure as of March 31, 2019 (***)		(1,766,837)

(*) Refers to the notional foreign exchange derivative transactions.
(**) Settlement at PTAX on the last closing day of the month.
(***) The net foreign exchange exposure, this will be substantially offset by probable future revenues of export products.

e) Hedge accounting effect

The Company formally designates its transactions subject to hedge accounting documenting: (i) the hedge ratio; (ii) the purpose and strategy of the Company's risk management in adopting the hedge; (iii) the identification of the financial instrument; the covered object or transaction, (v) the nature of the risk to be covered; (vi) the description of the coverage relation and (vii) the statement of the correlation between the hedge and the object of coverage.

As of September 30, 2019 and March 31, 2019, the impacts calculated under the Company's equity and the estimated realization in profit or loss are shown below:

						september 30, 2019
Financial instruments	**Market**	**Risk**	**2019/20**	**2020/21**	**>2022**	**Total**
Future	OTC / ICE	Sugar#11	156,491	90,884	-	247,375
Future	B3 / NYMEX / OTC	Ethanol	31,255	31,824	-	63,079
Option	ICE	Sugar#11	(21,300)	2,876	-	(18,424)
NDF	OTC	FX	(160,682)	(105,192)	-	(265,874)
Swap	Debt	FX	-	-	(498,915)	(498,915)
PPE	Debt	FX	-	-	(46,994)	(46,994)
			5,764	20,392	(545,909)	(519,753)
(-) Deferred taxes			(1,960)	(6,933)	185,609	176,716
Effect in equity on September 30, 2019			3,804	13,459	(360,300)	(343,037)

We show below the movement in the balances of other comprehensive income during the period:

	09/30/2019
Balance at the beginning of the period	(213,800)
Gains/(losses) occurred in the period:	
Fair value on commodity futures designated as hedge accounting	262,628
Fair value loss on forward exchange contracts designated as hedge accounting	(193,634)
Exchange-rate change on debt contracts designated as hedge accounting	(199,116)
Results from commodities recognized in net operating revenue (Note 22)	(58,379)
Result of exchange forward in net operating revenue (Note 22)	8,243
Realization of financial instruments we considered as non-effective *hedge accounting*	(15,556)
Total movements occurred in the period	(195,814)
Effect of deferred taxes on equity valuation adjustment (Note 18.b)	66,577
	(129,237)
Balance at September 30, 2019	(343,037)

f) Interest rate risk

The Company monitors fluctuations in interest rates applied to certain debts, particularly those exposed to the Libor risk, and uses derivative instruments to mitigate those risks. The table below shows the positions for derivative financial instruments used to cover exchange rate risks:

					Consolidated		
					Price risk: interest derivatives, outstanding as of September 30, 2019		
Derivatives	**Purchased/ Sold**	**Market**	**Contract**	**Maturity**	**Notional (US$ thou.)**	**Notional (R$ thousand)**	**Fair value (R$ thousand)**
Interest rate swap	Sold	OTC	Interest rate swap	oct/20	96,275	400,927	(19,306)
Interest rate swap	Purchased	OTC	Interest rate swap	oct/20-mar/26	(445,189)	(1,853,946)	242,610
Net exposure of interest derivatives as of September 30, 2019					(348,914)	(1,453,019)	223,304
Net exposure of interest derivatives as of March 31, 2019					(295,896)	(1,153,019)	120,624

g) Credit risk

A substantial part of the sales of the Company and its subsidiaries is made to a select group of highly qualified counterparties, as trading companies, fuel distribution companies, electricity distributors and major supermarket chains.

The Group manages credit risk by following specific client acceptance standards, analyzing client credit standing and setting exposure limits per client, requiring, when applicable, letters of credit of top tier banks and taking security interest in assets as security for payment of the credit facilities granted to clients. Management considers that the credit risk is substantially covered by the estimated loss in allowance for doubtful accounts.

Individual risk limits are determined with basis on internal or external classifications in accordance with limits determined by Company's management. The use of credit limits is regularly monitored. No credit limit was exceeded during the period, and Management does not expect any loss from default by these counterparties in amounts higher than those already provided for.

The Company enters into commodity derivative agreements in futures markets and options at the New York Board of Trade - NYBOT, Chicago - CBOT and at the London International Financial Futures and Options Exchange - LIFFE, as well as in over-the-counter markets with selected counterparties. The Company enters into foreign exchange rate and commodity derivative agreements at B3 and over-the-counter agreements, mainly with the leading local and foreign banks considered by global credit risk rating agencies to have investment level ratings.

Guarantee margins – Derivative transactions in commodity exchanges (NYBOT, LIFFE and B3) require guarantee margins. The total margin of Consolidated deposited as of September 30, 2019 is R$ 125,583 (R$ 94,401 as of March 31, 2019), of which R$ 35,028 (R$ 40,699 as of March 31, 2019) in restricted financial investments and R$ 90,555 (R$ 53,702 as of March 31, 2019) in derivative transaction margins.

The Company's over-the-counter derivative transactions do not require a guarantee margin.

The credit risk on cash and cash equivalents is mitigated by the conservative distribution of investment funds and CDBs (Note 3), which make up the caption. The distribution follows strict criteria for allocation and exposure to counterparties that are major national and international banks, mainly considered investment grade by international rating agencies.

h) Liquidity risk

It is the risk of the Company may encounter difficulties in performing the obligations associated with its financial liabilities that are settled with payments or with another financial asset. The Company's approach in liquidity management is to guarantee, as much as possible, that it always has sufficient liquidity to perform its obligations upon maturity, under normal and stress conditions, without causing unacceptable losses or with a risk of sullying the Company's reputation. As part of the liquidity management process, management prepares business plans and monitors their implementation, discussing positive and negative cash flow risks and assessing the availability of funds to support its operations, investments and refinancing needs.

The table below shows the financial liabilities according to their aging schedules:

	Consolidated				
	Up to 1 year	Up to 2 years	3–5 years	>5 years	Total
Loans and financing (1)	2,938,670	1,821,191	5,538,831	6,730,614	17,029,306
Suppliers (note 15)	5,007,701	-	-	-	5,007,701
Derivative financial instruments	850,944	49,460	68,593	507,246	1,476,243
Related parties (1) (*)	2,841,464	-	-	534,269	3,375,733
Third party and related party lease liabilities (1)	1,064,090	945,836	2,017,329	1,616,304	5,643,559
September 30, 2019	12,702,869	2,816,487	7,624,753	9,388,433	32,532,542
March 31, 2019	7,225,653	2,626,561	4,330,180	7,846,224	22,028,618

(1) Undiscounted contractual cash flows.
(*) Except related party lease liabilities.

i) Fair value

Procedures over the definition, measurement and recognition of the fair value of financial liabilities are the same disclosed on annual financial statements as of September 30 and march 31, 2019.

Fair value hierarchy

The Company uses the following hierarchy to determine and disclose the fair value of financial instruments using the valuation technique:

- Level 1: quoted prices (unadjusted) in active markets for identical assets or liabilities.
- Level 2: other techniques for which all data that has significant effect on the recorded fair value is observable, either directly or indirectly.
- Level 3: techniques that use data that have a significant effect on fair value that are not based on observable market data.

Financial instruments are classified as follows:

	Consolidated		
Financial instruments valued at fair value	Level 1	Level 2	Total
Interest earnings bank deposits (Note 3)	-	355,047	355,047
Restricted financial investments (Restricted cash) (Note 4)	-	66,838	66,838
Derivative financial instruments - assets	997,511	1,166,491	2,164,002
Loans and financing (Note 16)	-	(4,619,461)	(4,619,461)
Derivative financial instruments - Liabilities	(717,252)	(758,991)	(1,476,243)
September 30, 2019	280,259	(3,790,076)	(3,509,817)
March 31, 2019	126,630	(1,553,219)	(1,426,589)

As of September 30 and March 31, 2019, there were no transfers among such levels in order to determine the fair value of financial instruments.

j) Sensitivity analysis

We present below the sensitivity analysis of the fair value of financial instruments according to the types of risk considered relevant by the Company, pursuant to CVM Instruction No. 475 issued on March 17, 2008.

Assumptions for the sensitivity analysis

The Company has adopted three scenarios for the sensitivity analysis, one probable and two that may show the sundry effects in the fair value of the Company's financial instruments. The probable scenario was set according to the futures market curves of sugar and the US dollar as of September 30, 2019, corresponding to balance of fair value of derivatives on the date. Possible and remote scenarios were set considering impacts of 25% and 50% on sugar and US dollar price curves, which were considered as a basis for the probable scenario.

Sensitivity table

i) Sensitivity on change in fair value of financial instruments

		Impacts on income (loss)				
		September 30, 2019				
	Risk factor	Probable scenario	Remote scenario + (25%)	Balance of fair value	Remote scenario + (50%)	Balance of the fair value
Price risk						
Commodity derivatives						
Futures and options contracts						
Purchase and sale commitments	Sugar price increase	175,513	(600,467)	(424,954)	(1,200,935)	(1,025,422)
Purchase and sale commitments	Gasoline price increase	108,965	(149,734)	(40,769)	(299,467)	(190,502)
Purchase and sale commitments	Electric power price increase	101,907	(301,621)	(199,713)	(603,241)	(501,334)
Purchase and sale commitments	Ethanol price increase	21,508	481,753	503,261	963,506	985,014
		407,893	(570,069)	(162,175)	(1,140,137)	(732,244)
Foreign exchange rate risk						
Foreign exchange rate derivatives						
Futures contracts:						
Purchase and sale commitments	USD incr.	(350)	(26,447)	(26,798)	(52,895)	(53,245)
Forward contracts						
Purchase and sale commitments	USD incr.	8,086	(1,375,519)	(1,367,433) -	(2,751,038)	(2,742,952)
FX swaps:						
Purchase and sale commitments	USD incr.	48,826	(308,577)	(259,751)	(617,154)	(568,328)
		56,562	(1,710,543)	(1,653,982)	(3,421,087)	(3,364,525)
Interest rate risk						
Swap, Term and Futures contracts	Write-off in interest rate	223,304	(53,944)	169,360	(107,888)	115,416
		223,304	(53,944)	169,360	(107,888)	115,416
Total		687,759	(2,334,556)	(1,646,797)	(4,669,113)	(3,981,353)

(*) Result projected to occur within 12 months from September 30, 2019.

ii) Net foreign exchange exposure

The probable scenario considers the position as of September 30, 2019. The effects of the possible and remote scenarios that would be recognized in the consolidated statement of income as revenue or expenses on exchange-rate change are as follows:

		Effect of exchange-rate changes			
		Scenarios			
Net foreign exchange exposure September 30, 2019		**+25%**	**+50%**	**-25%**	**-50%**
Cash and cash equivalents (Note 3)	2,543,254	635,814	1,271,627	(635,814)	(1,271,627)
Restricted cash (Note 4)	90,555	22,639	45,278	(22,639)	(45,278)
Accounts receivable - Abroad (Note 5)	376,616	94,154	188,308	(94,154)	(188,308)
Related parties (Note 10)	3,898,286	974,572	1,949,143	(974,572)	(1,949,143)
Suppliers (note 15)	(3,198,226)	(799,557)	(1,599,113)	799,557	1,599,113
Loans and financing (Note 16)	(6,207,633)	(1,551,908)	(3,103,817)	1,551,908	3,103,817
Impact on income (loss) in the period		(624,286)	(1,248,574)	624,286	1,248,574

iii) Interest rate sensibility

As of September 30, 2019, the probable scenario considers the annual weighted average rate (5.49%) of floating interest of loans and financing of the Company, and for financial investments and as restricted cash, the CDI (6.25%) accumulated, realized in the last 12 months. In both cases, simulations were run considering the increase and reduction by 25% and 50%. The consolidated results of this sensitivity are as follows:

		September 30, 2019			
		Interest rate sensibility			
	Probable scenario	**25%**	**50%**	**-25%**	**-50%**
Interest earnings bank deposits	22,180	5,545	11,090	(5,545)	(11,090)
Restricted cash	4,206	1,052	2,103	(1,052)	(2,103)
Loans and financing	(550,670)	(137,668)	(275,335)	137,668	275,335
Additional impact in income (loss) for the period	(524,284)	(131,071)	(262,142)	131,071	262,142

k) Capital management

The Company's goal, when managing its capital structure, is to ensure that it will continue as a going concern and be able to finance investment opportunities, by keeping a healthy credit profile and offering an appropriate return to its shareholders.

The Company has relationships with large local and international rating agencies as show below:

Branch	Scale	Rating	Outlook	Date
Fitch	National	AAA (bra)	Stable	05/30/2019
	Global	BBB	Stable	05/30/2019
Moody's	National	Aaa.Br	Stable	04/30/2019
	Global	Ba1	Stable	04/30/2019
Standard & Poor's	National	brAAA	Stable	04/29/2019
	Global	BBB-	Stable	04/29/2019

The financial leverage ratios on September 30 and March 31, 2019 were calculated as follows:

	Consolidated	
	09/30/2019	**03/31/2019**
Third party capital		
Loans and financing (Note 16)	13,392,863	12,076,976
(-) Cash and cash equivalents (Note 3)	(2,981,098)	(3,189,859)
(-) Financial investments linked to financing (note 4)	(31,810)	(40,565)
(-) National Treasury Certificates - CTN (Note 9)	(384,958)	(521,943)
(-) Foreign exchange and interest rate derivatives (Note 27.b)	(279,866)	(152,335)
	9,715,131	8,172,274
Own capital		
Equity		
Attributable to the parent company's shareholders	7,430,320	8,302,763
Interest of non-controlling shareholders	70,113	35,263
	7,500,433	8,338,026
Total capital	17,215,564	16,510,300
Leverage ratio	56%	49%

28. Retirement supplementation plan and other employee benefits

(a) Pension fund

Defined contribution

During the six-month period ended September 30, 2019, the contribution recognized as expenses amounted to R$ 7,643 (R$ 7,122 in the six-month period ended September 30, 2018).

(b) Profit sharing

The Company recognizes a liability and a profit-sharing expense based on a methodology that considers pre-defined targets to employees. The Company recognizes a provision when it is contractually compelled or when there is a past practice that created non-formalized obligation.

29. Insurance

As mentioned in Note 26 of financial statements as of March 31, 2019, the Company and its subsidiaries have an insurance program and risk management that provides consistent coverage and protection for corporate assets and operations. During the six-month period ended September 30, 2019 no significant changes in this insurance coverage.

30. Supplementary information to the cash flow

a) Reconciliation of financing activities from cash flows

We present the reconciliation of financing activities of cash flows for the six-month period ended September 30, 2019 as follows:

	Parent company						
(Assets) / Liabilities	Financial investments linked to financing	Loans and financing (1)	Lease liability	Lease liabilities - related parties	Related parties	Dividends payable	Total
Opening balance	(628)	5,878,179	-	-	1,510,363	7,164	7,395,078
Transactions with an impact on the Financial Cash Flow ("FCF")							
Loans and financing - third parties	-	990,667	-	-	-	-	990,667
Amortizations of principal of loans and financing - third parties	-	(72,107)	-	-	-	-	(72,107)
Payment of interest on loans and financing - third parties	-	(162,640)	-	-	-	-	(162,640)
Amortization of lease liabilities - third parties	-	-	(394,613)	-	-	-	(394,613)
Amortization of lease liabilities - related parties	-	-	-	(69,126)	-	-	(69,126)
Financial investments linked to financing	177	-	-	-	-	-	177
Payment of dividends (Note 21.b)	-	-	-	-	-	(711,794)	(711,794)
Payment of interest on loans and financing - intragroup	-	-	-	-	(34,569)	-	(34,569)
Net asset management - intragroup	-	-	-	-	1,763,305	-	1,763,305
	177	755,920	(394,613)	(69,126)	1,728,736	(711,794)	1,309,300
Other changes not affecting the financing cash flow							
Net interest, inflation adjustments, and exchange-rate changes	201	247,553	121,845	32,321	210,265	-	612,185
Fair value of liability financial instruments (Note 26)	-	115,711	-	-	-	-	115,711
Allocation of dividends (Note 21.b)	-	-	-	-	-	704,630	704,630
First-time adoption - IFRS 16	-	-	2,705,438	720,759	-	-	3,426,197
Addition, write-off, remeasurement of lease liabilities and Other	-	24,472	560,600	46,239	-	-	631,311
	201	387,736	3,387,883	799,319	210,265	704,630	5,490,034
Closing balance	(250)	7,021,835	2,993,270	730,193	3,449,364	-	14,194,412

	Consolidated						
(Assets) / Liabilities	Financial investments linked to financing	Loans and financing (1)	Lease liability	Lease liabilities - related parties	Related parties	Dividends payable	Total
Opening balance	(40,565)	11,555,033	-	-	(2,868,315)	10,011	8,656,164
Transactions with an impact on the Financial Cash Flow ("FCF")							
Loans and financing - third parties	-	997,894	-	-	-	-	997,894
Amortizations of principal of loans and financing - third parties	-	(133,767)	-	-	-	-	(133,767)
Payment of interest on loans and financing - third parties	-	(240,655)	-	-	-	-	(240,655)
Amortization of lease liabilities - third parties	-	-	(438,390)	-	-	-	(438,390)
Amortization of lease liabilities - related parties	-	-	-	(69,126)	-	-	(69,126)
Payment of dividends (Note 21.b)	-	-	-	-	-	(721,692)	(721,692)
Financial investments linked to financing	9,992	-	-	-	-	-	9,992
Net asset management - intragroup	-	-	-	-	1,371,752	-	1,371,752
	9,992	623,472	(438,390)	(69,126)	1,371,752	(721,692)	776,008
Other changes not affecting the financing cash flow							
Net interest, inflation adjustments, and exchange-rate changes	(1,237)	675,647	140,711	32,321	(220,795)	-	626,647
Fair value of liability financial instruments (Note 26)	-	128,868	-	-	-	-	128,868
Allocation of dividends (Note 21.b)	-	-	-	-	-	711,681	711,681
First-time adoption - IFRS 16	-	-	3,107,544	720,759	-	-	3,828,303
Addition, write-off, remeasurement of lease liabilities and Other	-	24,885	643,461	46,239	-	-	714,585
	(1,237)	829,400	3,891,716	799,319	(220,795)	711,681	6,010,084
Closing balance	(31,810)	13,007,905	3,453,326	730,193	(1,717,358)	-	15,442,256

(1) Presented net of CTN.

b) Main transactions not involving cash

	Parent company		Consolidated	
	Apr-Sep/2019	Apr-Sep/2018	Apr-Sep/2019	Apr-Sep/2018
Transactions not involving cash				
Depreciation of agricultural assets capitalized as biological assets (Note 7)	(10,216)	(9,464)	(11,833)	(11,311)
Estimated loss on doubtful accounts	-	159	-	732
Depreciation of agricultural assets capitalized as property, plant and equipment (Note 13)	(32,950)	(26,682)	(37,816)	(30,074)
Right-of-use (Note 12)	(605,040)	-	(686,911)	-
Tax credits on fixed assets, including adjustment to present value of property, plant and equipment.	(937)	(444)	(1,326)	(1,219)
Interest capitalized in fixed assets (Note 13, Note 26)	(14,591)	(11,975)	(18,118)	(16,576)
Subscribed capital to be paid up	-	(16,496)	-	-
Other	-	(521)	-	-
	(663,734)	(65,423)	(756.004)	(58,448)